

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062203.D
 Acq On : 29 Jun 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:43:11 AM

Quant Time: Jun 30 06:07:17 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	223853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	166522	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	133458	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.06	98	530378	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.38	95	181800	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116771	46.150	ug/l	99
3) Chloromethane	2.03	50	154851	52.038	ug/l	99
4) Vinyl Chloride	2.16	62	188137	47.215	ug/l	98
5) Bromomethane	2.52	94	123672	48.023	ug/l	100
6) Chloroethane	2.66	64	133488	49.041	ug/l	100
7) Trichlorofluoromethane	2.98	101	229134	46.668	ug/l	97
8) Diethyl Ether	3.37	74	89762	52.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	126566	49.225	ug/l	97
10) Methyl Iodide	3.91	142	163614	56.503	ug/l	99
11) Tert butyl alcohol	4.73	59	123213	273.177	ug/l	100
12) 1,1-Dichloroethene	3.69	96	128642	50.048	ug/l	97
13) Acrolein	3.56	56	117055	265.075	ug/l	99
14) Allyl chloride	4.27	41	185105	52.894	ug/l	99
15) Acrylonitrile	4.93	53	341427	277.788	ug/l	99
16) Acetone	3.78	43	265534	269.610	ug/l	97
17) Carbon Disulfide	4.00	76	354760	48.188	ug/l	99
18) Methyl Acetate	4.28	43	137488	55.056	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	443266	53.968	ug/l	99
20) Methylene Chloride	4.50	84	154448	53.573	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	142370	48.621	ug/l	94
22) Diisopropyl ether	5.90	45	435760	54.688	ug/l	98
23) Vinyl Acetate	5.84	43	1823009	280.226	ug/l	97
24) 1,1-Dichloroethane	5.80	63	265953	51.833	ug/l	99
25) 2-Butanone	6.79	43	425294	276.978	ug/l	99
26) 2,2-Dichloropropane	6.78	77	198888	46.516	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	168192	51.045	ug/l	100
28) Bromochloromethane	7.15	49	115607	51.929	ug/l	94
29) Tetrahydrofuran	7.17	42	290277	288.600	ug/l	99
30) Chloroform	7.33	83	272225	52.146	ug/l	99
31) Cyclohexane	7.61	56	215746	49.709	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	224936	51.093	ug/l	99
36) 1,1-Dichloropropene	7.75	75	198524	48.660	ug/l	99
37) Ethyl Acetate	6.88	43	181919	53.849	ug/l	99
38) Carbon Tetrachloride	7.73	117	185830	48.313	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	226447	50.657	ug/l	100
40) Benzene	8.00	78	625387	50.292	ug/l	100
41) Methacrylonitrile	7.13	41	87729m	56.014	ug/l	
42) 1,2-Dichloroethane	8.08	62	214835	51.134	ug/l	100
43) Isopropyl Acetate	8.13	43	299039	54.300	ug/l	98
44) Trichloroethene	8.80	130	150336	47.927	ug/l	100
45) 1,2-Dichloropropane	9.08	63	161287	52.574	ug/l	99
46) Dibromomethane	9.17	93	107985	51.916	ug/l	97
47) Bromodichloromethane	9.37	83	222949	53.086	ug/l	99
48) Methyl methacrylate	9.17	41	138870	56.239	ug/l	97
49) 1,4-Dioxane	9.17	88	58048	1060.059	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	934951	290.572	ug/l	99
52) Toluene	10.12	92	395089	52.072	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	237969	51.503	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	259476	52.747	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	157586	52.837	ug/l	99
56) Ethyl methacrylate	10.40	69	230120	57.815	ug/l	99
57) 1,3-Dichloropropane	10.68	76	269541	52.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	420674	248.354	ug/l	99
59) 2-Hexanone	10.72	43	687985	296.106	ug/l	100
60) Dibromochloromethane	10.87	129	165316	52.354	ug/l	99
61) 1,2-Dibromoethane	10.98	107	161101	52.569	ug/l	99
64) Tetrachloroethene	10.60	164	120323	45.412	ug/l	98
65) Chlorobenzene	11.41	112	417828	49.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	148046	50.263	ug/l	100
67) Ethyl Benzene	11.48	91	753719	52.394	ug/l	98
68) m/p-Xylenes	11.60	106	575123	103.362	ug/l	99
69) o-Xylene	11.92	106	274704	52.326	ug/l	98
70) Styrene	11.94	104	468464	53.506	ug/l	99
71) Bromoform	12.10	173	106583	50.895	ug/l #	98
73) Isopropylbenzene	12.22	105	732529	51.167	ug/l	99
74) N-amyl acetate	12.05	43	271021	51.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	241091	50.605	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	204283m	46.920	ug/l	
77) Bromobenzene	12.50	156	170345	47.926	ug/l	94
78) n-propylbenzene	12.57	91	847080	51.727	ug/l	99
79) 2-Chlorotoluene	12.65	91	498733	50.377	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	605573	52.179	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76460	51.286	ug/l	97
82) 4-Chlorotoluene	12.75	91	518582	50.655	ug/l	98
83) tert-Butylbenzene	12.97	119	511872	51.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	601753	51.915	ug/l	100
85) sec-Butylbenzene	13.15	105	703745	53.622	ug/l	100
86) p-Isopropyltoluene	13.26	119	615108	53.495	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	306260	49.070	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	303811	47.222	ug/l	100
89) n-Butylbenzene	13.59	91	525437	54.965	ug/l	99
90) Hexachloroethane	13.85	117	115933	51.390	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	300975	49.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	41142	53.908	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	135162	51.121	ug/l	99
94) Hexachlorobutadiene	14.98	225	59620	51.918	ug/l	98
95) Naphthalene	15.10	128	403631	46.123	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	138858	51.363	ug/l	99

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

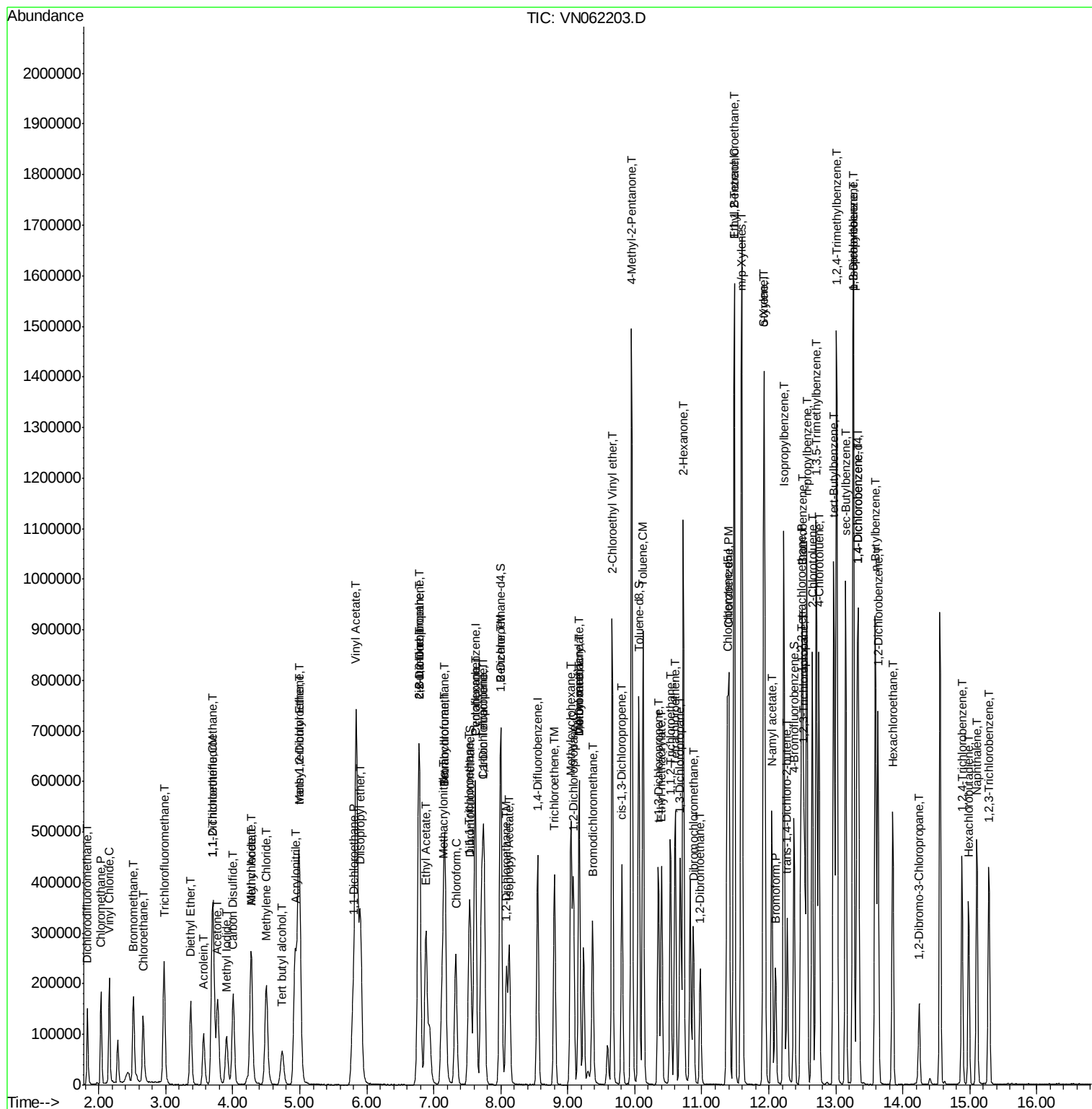
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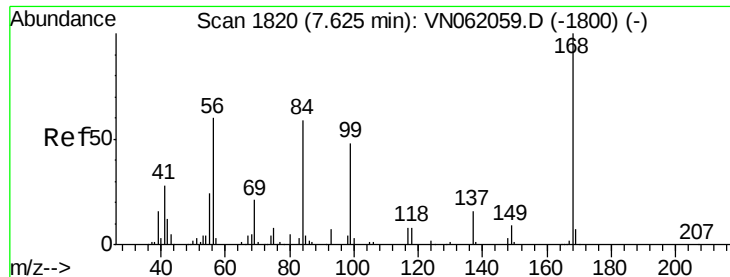
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 223853

Ion Ratio Lower Upper

168 100

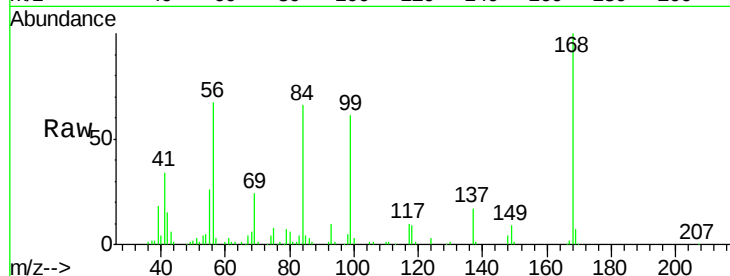
99 60.4 45.8 68.8

Manual Integrations

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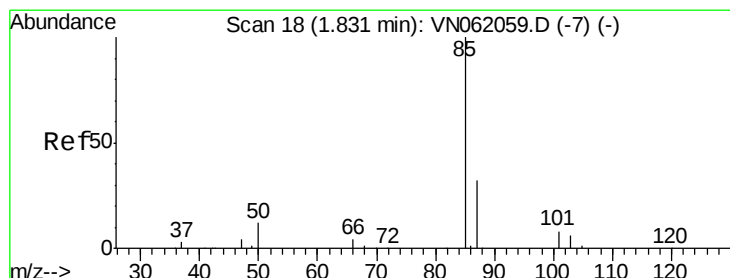
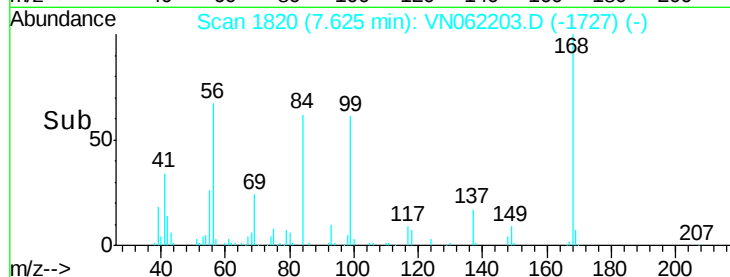
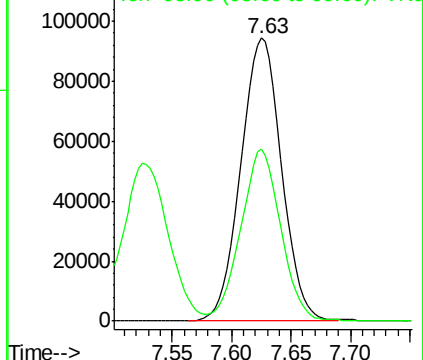
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.150 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062203.D

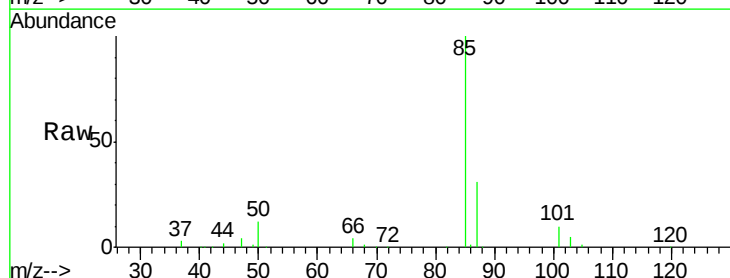
Acq: 29 Jun 2020 21:20

Tgt Ion: 85 Resp: 116771

Ion Ratio Lower Upper

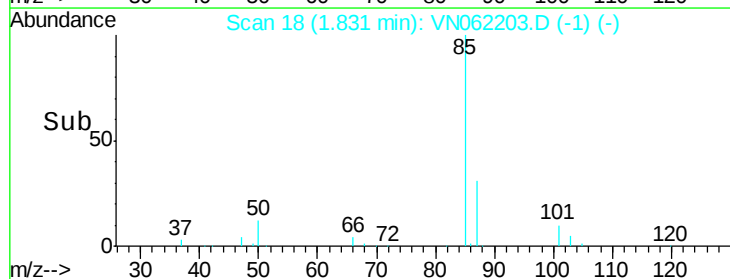
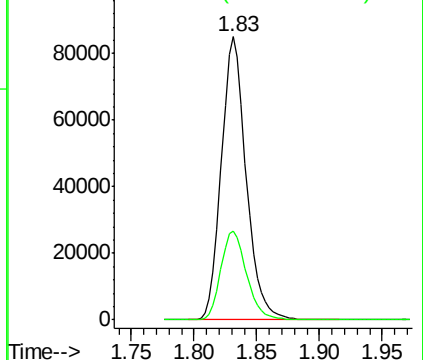
85 100

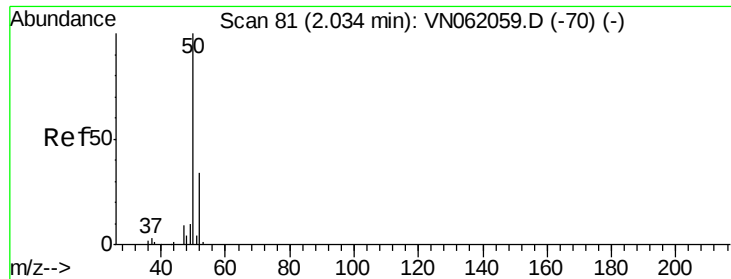
87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.038 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 154851

Ion Ratio Lower Upper

50 100

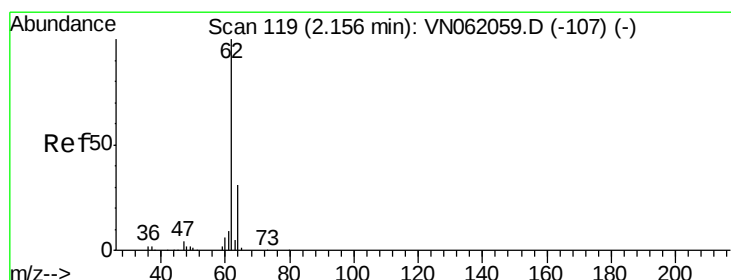
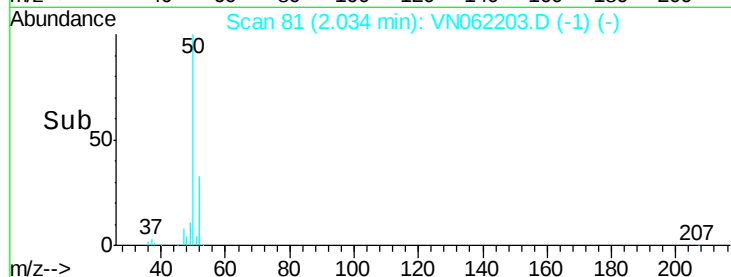
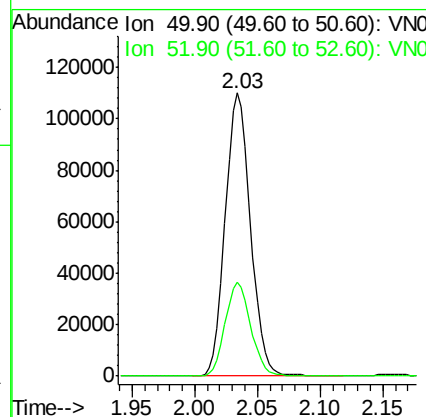
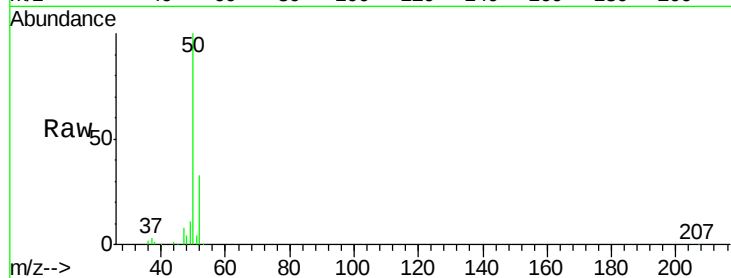
52 33.1 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.215 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062203.D

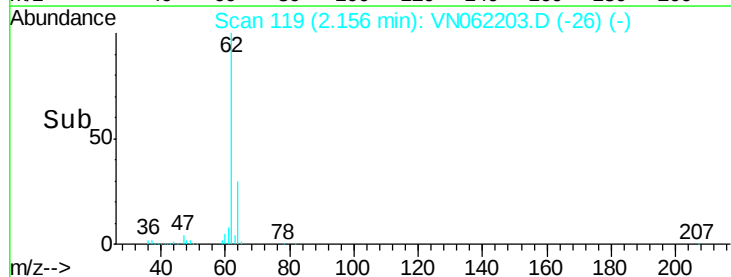
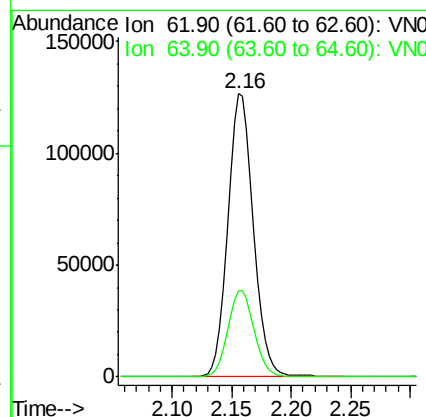
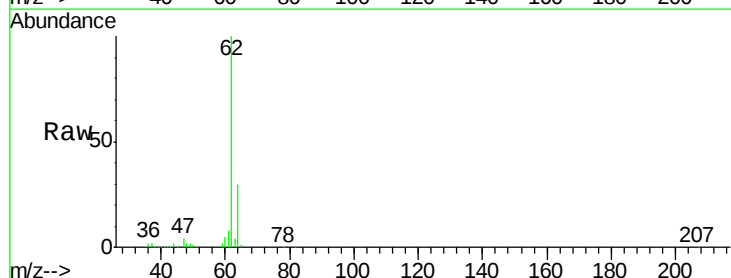
Acq: 29 Jun 2020 21:20

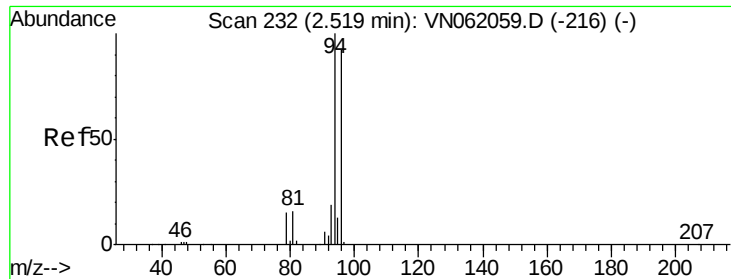
Tgt Ion: 62 Resp: 188137

Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7





#5

Bromomethane

Concen: 48.023 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

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Tot Ion: 94 Resp: 123672

Ion Ratio Lower Upper

94 100

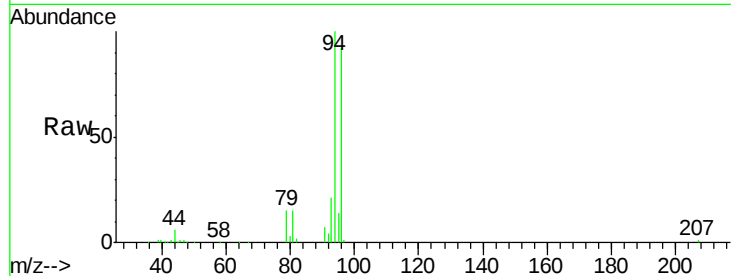
96 91.8 73.4 110.2

Manual Integrations

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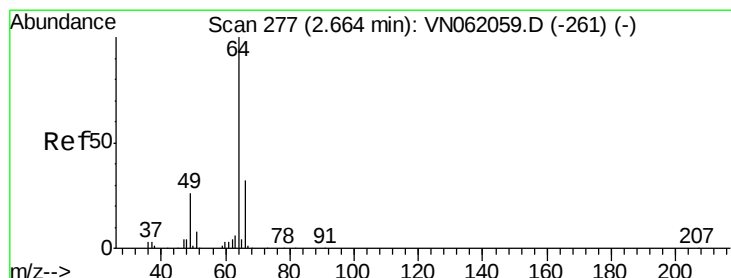
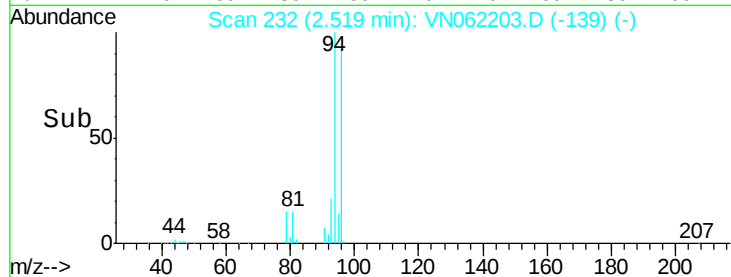
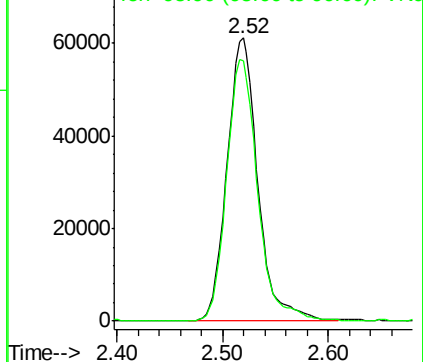
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 49.041 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062203.D

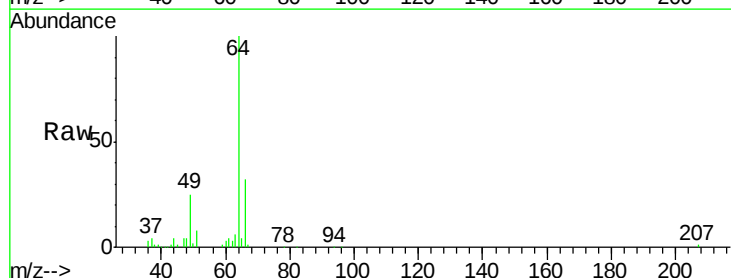
Acq: 29 Jun 2020 21:20

Tgt Ion: 64 Resp: 133488

Ion Ratio Lower Upper

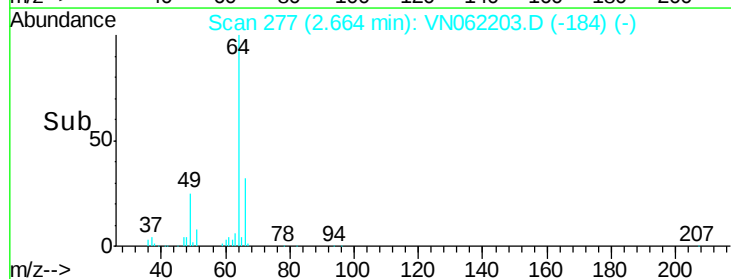
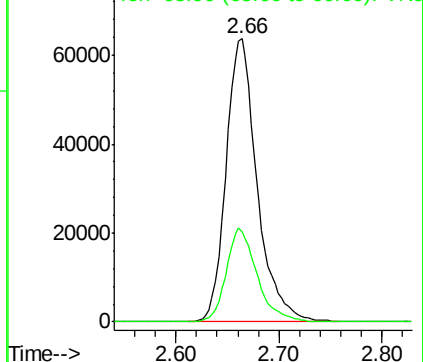
64 100

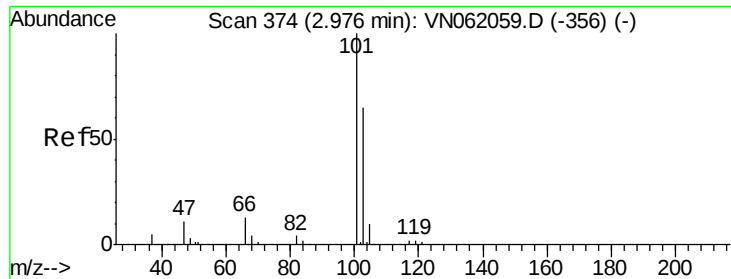
66 32.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

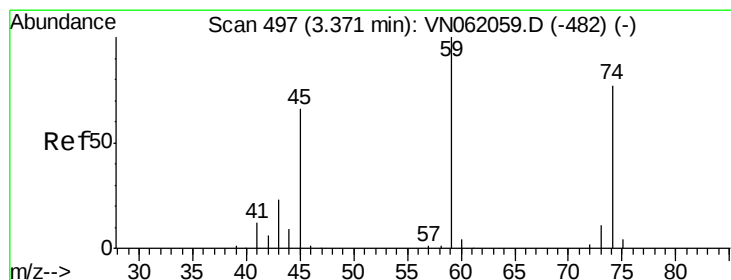
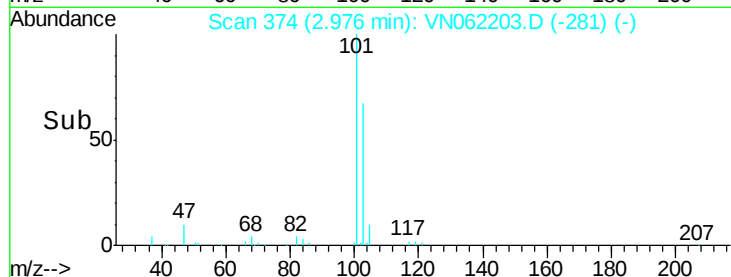
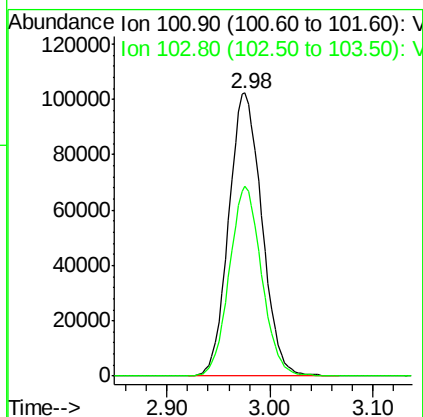
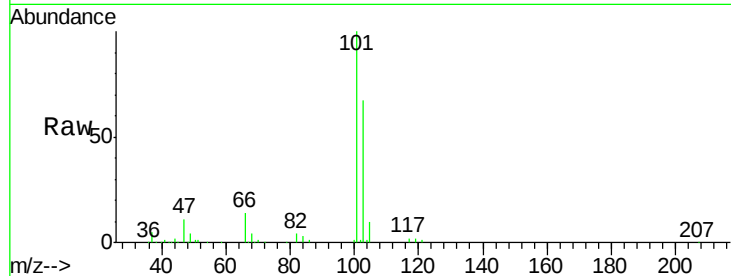
Trichlorofluoromethane
 Concen: 46.668 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062203.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.8	77.6

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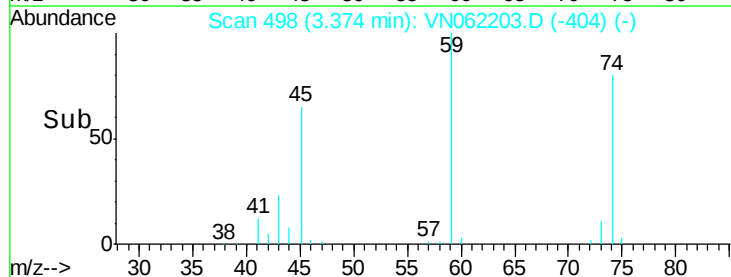
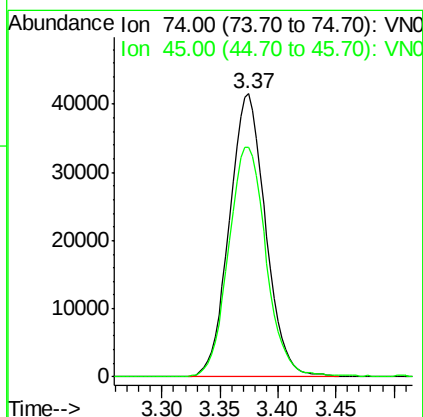
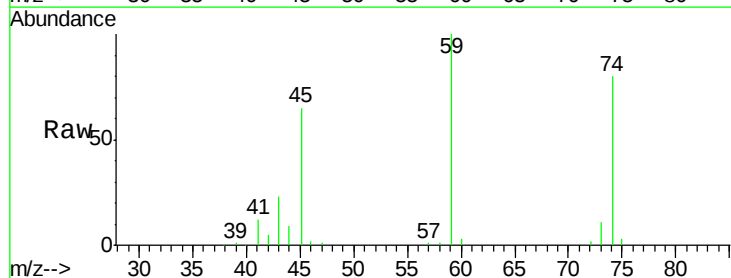
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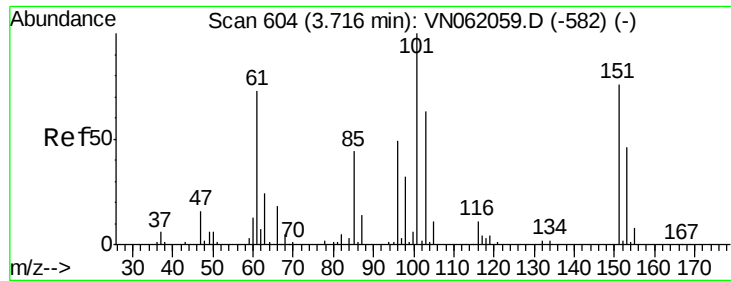


#8

Diethyl Ether
 Concen: 52.355 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.3	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.225 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

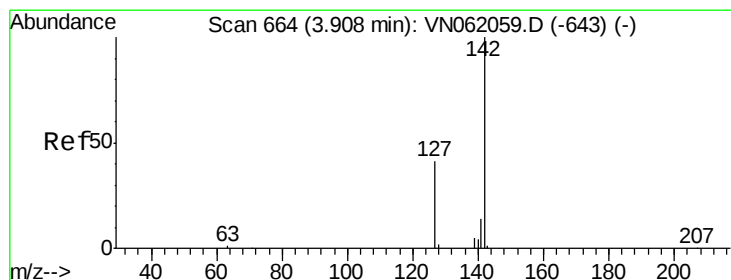
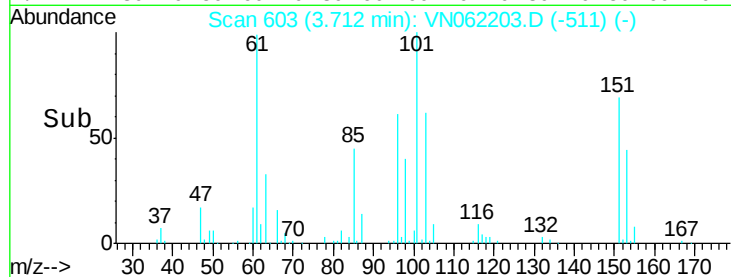
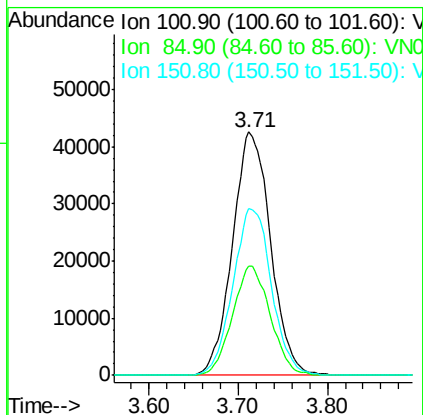
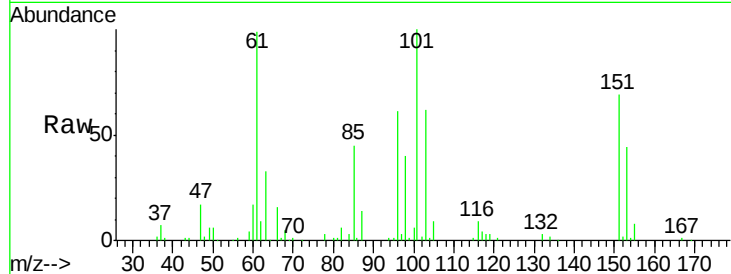
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	126566
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.5	51.7
151	69.2	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 56.503 ug/l

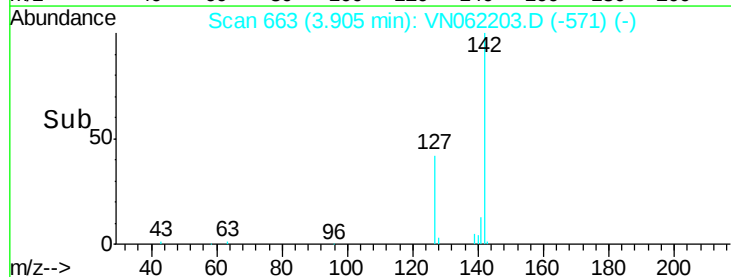
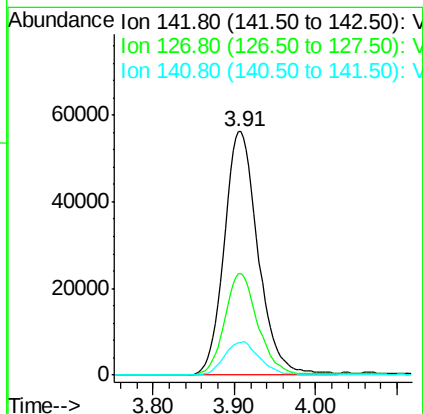
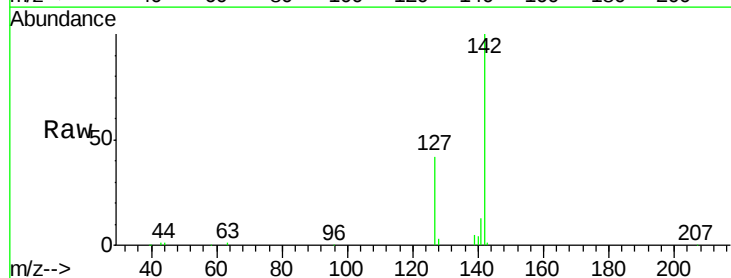
RT: 3.91 min Scan# 663

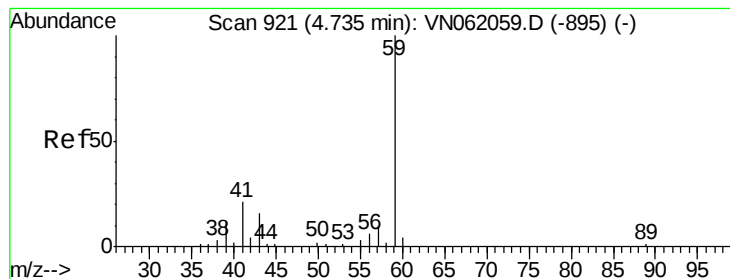
Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:	142	Resp:	163614
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.6	50.4
141	14.1	11.3	16.9





#11

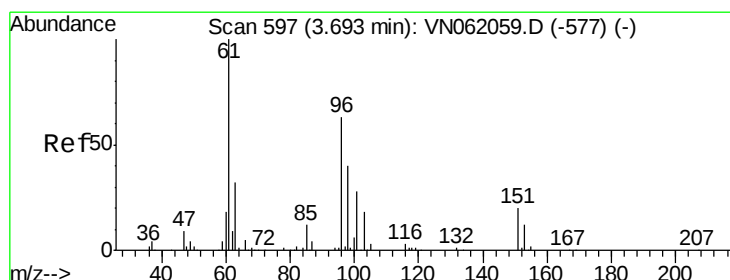
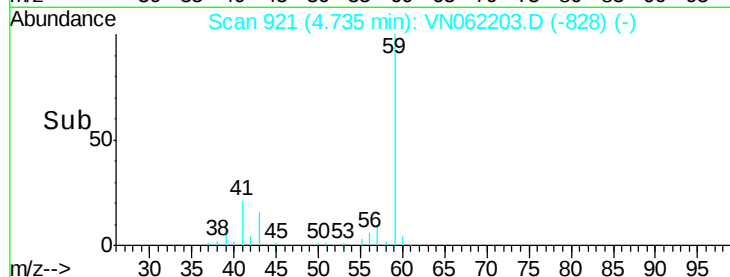
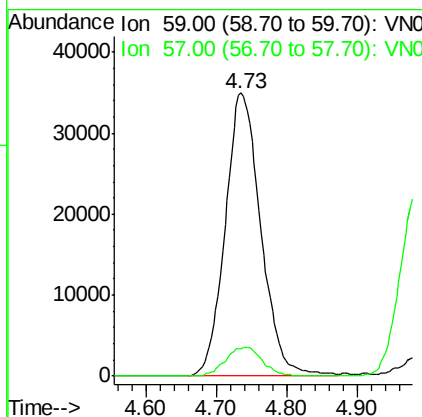
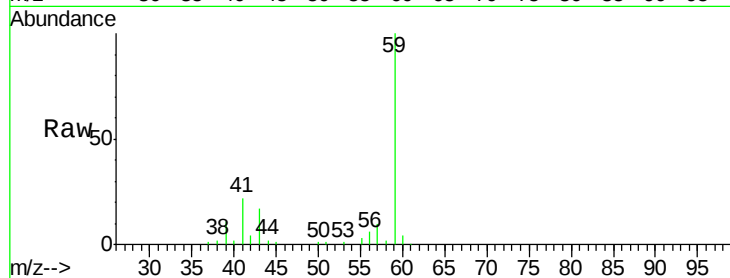
Tert butyl alcohol
 Concen: 273.177 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

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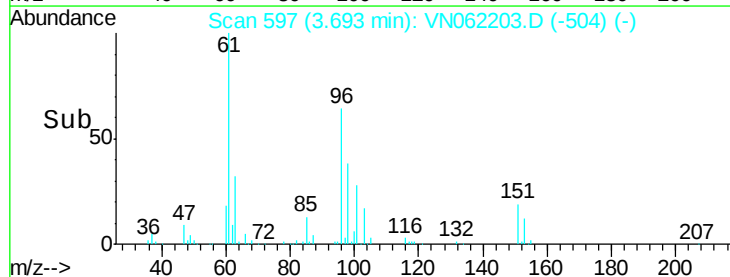
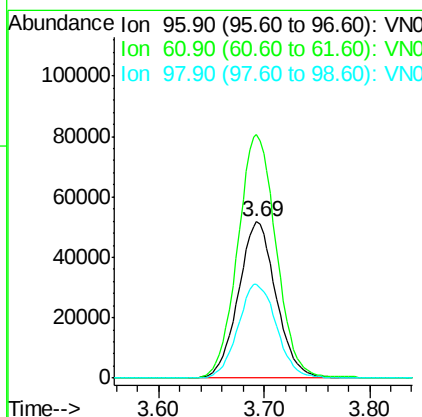
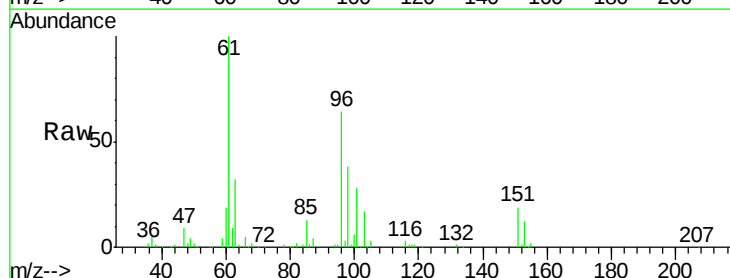
MMDadoda
 6/30/2020 10:43:11 AM

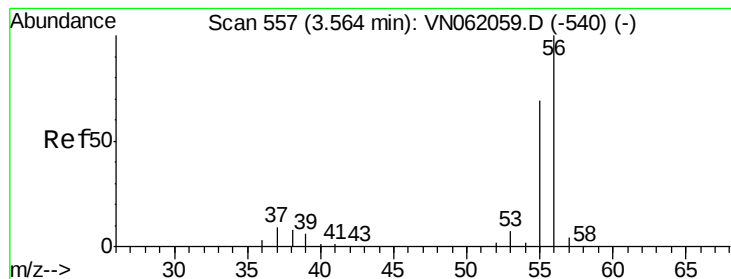


#12

1,1-Dichloroethene
 Concen: 50.048 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	126.7	190.1
98	60.0	51.0	76.4





#13

Acrolein

Concen: 265.075 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 117055

Ion Ratio Lower Upper

56 100

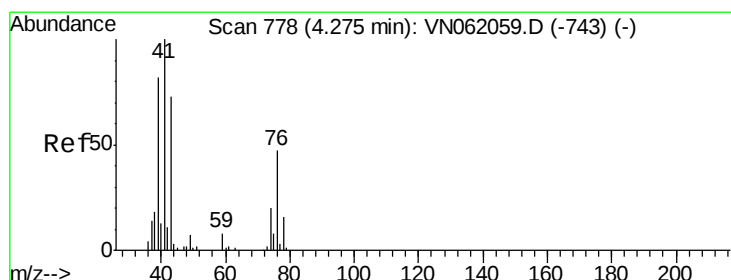
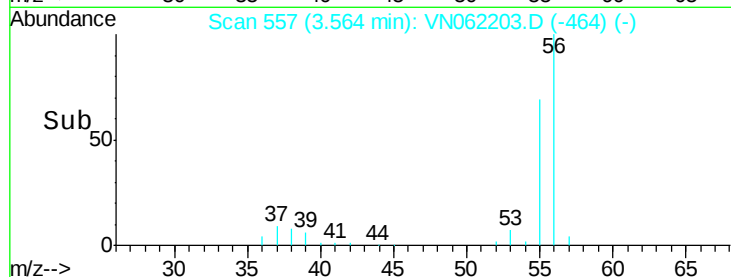
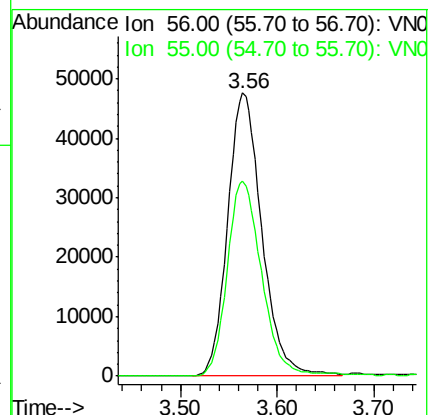
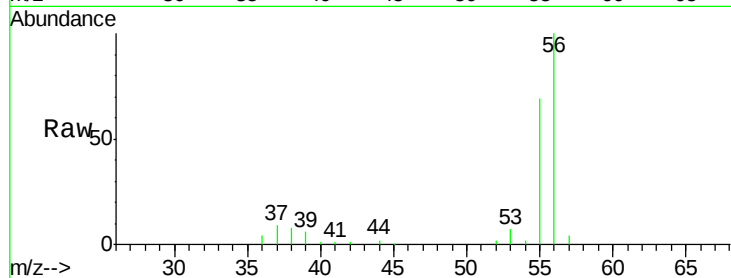
55 69.0 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 52.894 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

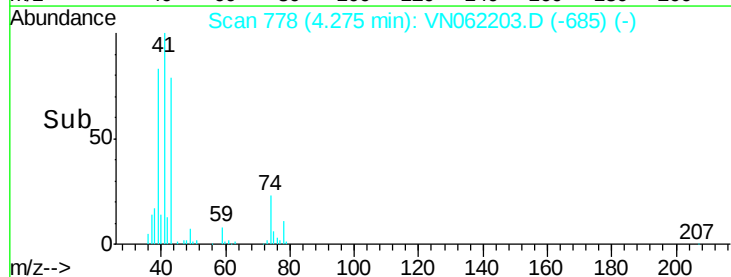
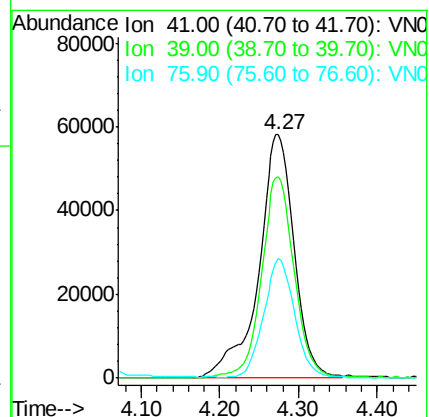
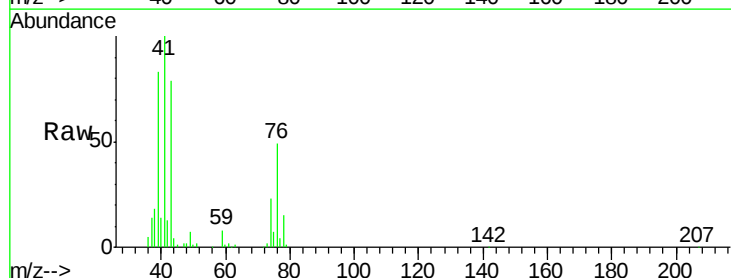
Tgt Ion: 41 Resp: 185105

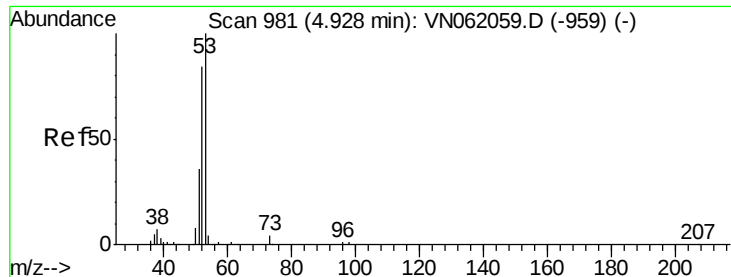
Ion Ratio Lower Upper

41 100

39 76.0 60.0 90.0

76 43.0 34.1 51.1





#15

Acrylonitrile

Concen: 277.788 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

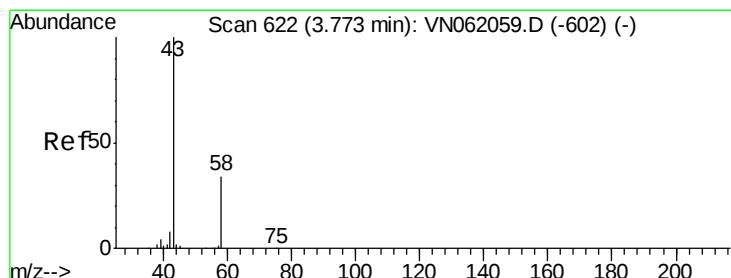
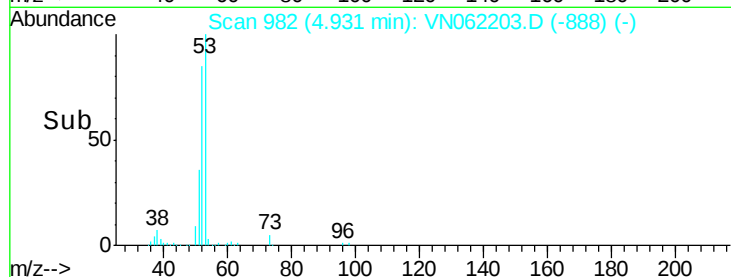
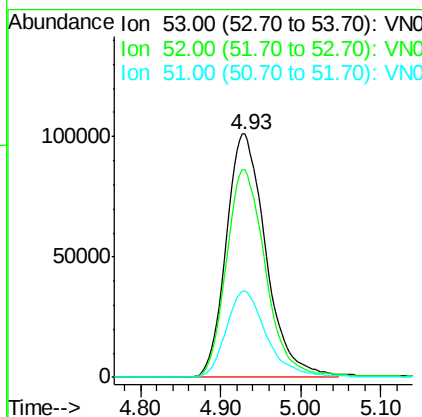
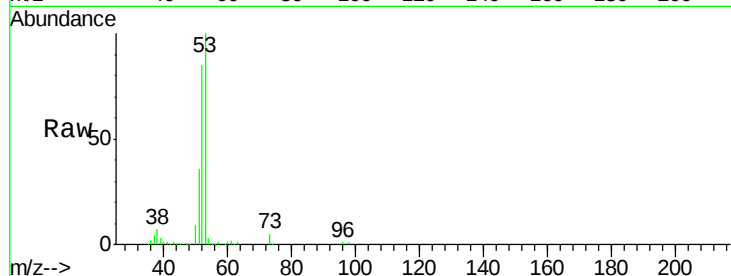
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	341427
Ion Ratio		Lower	Upper
53	100		
52	84.3	66.2	99.4
51	36.0	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 269.610 ug/l

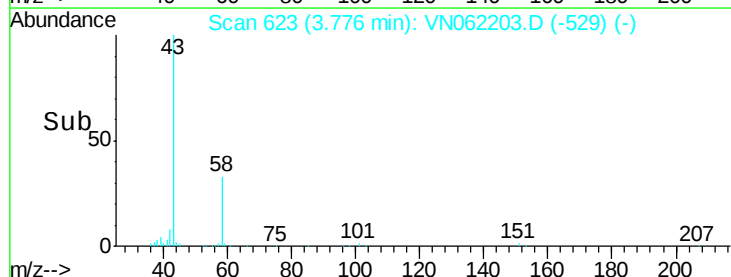
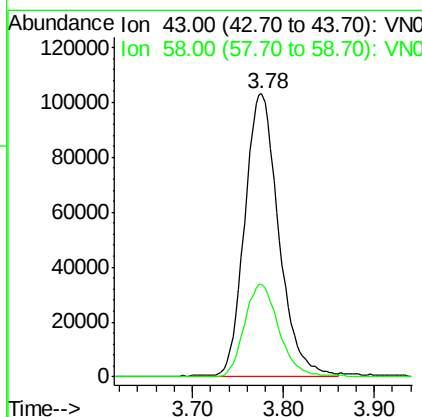
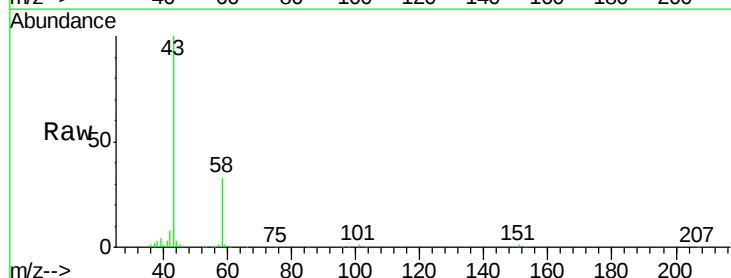
RT: 3.78 min Scan# 623

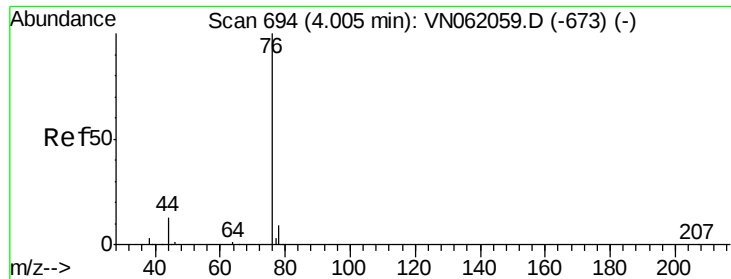
Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:	43	Resp:	265534
Ion Ratio		Lower	Upper
43	100		
58	32.6	27.5	41.3





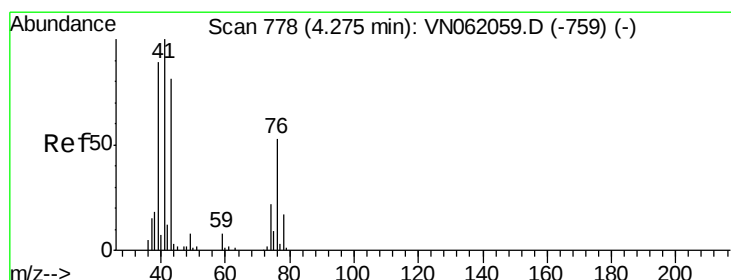
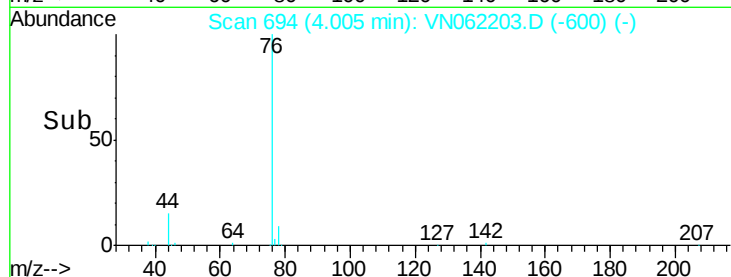
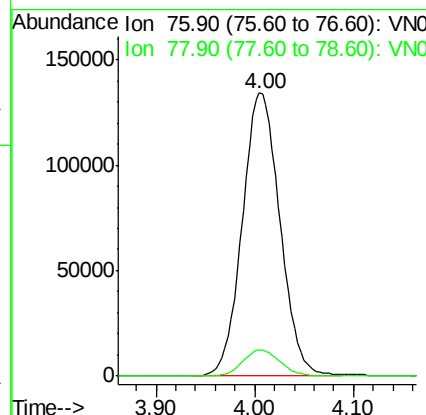
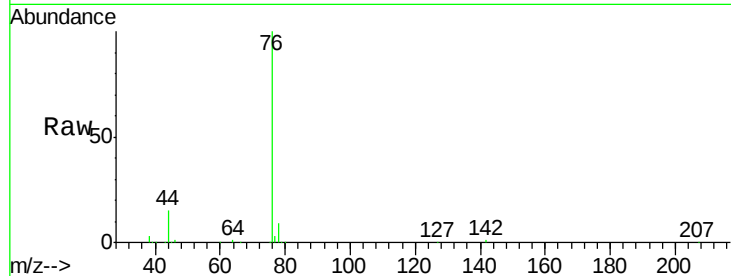
#17
Carbon Disulfide
Concen: 48.188 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

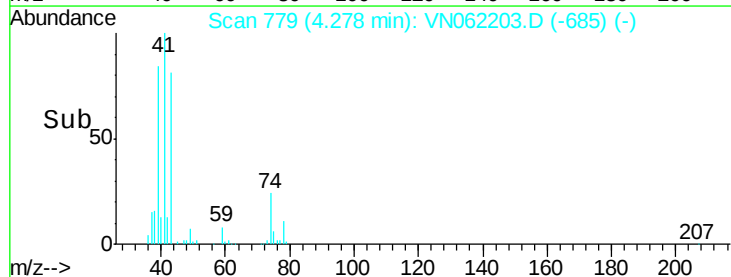
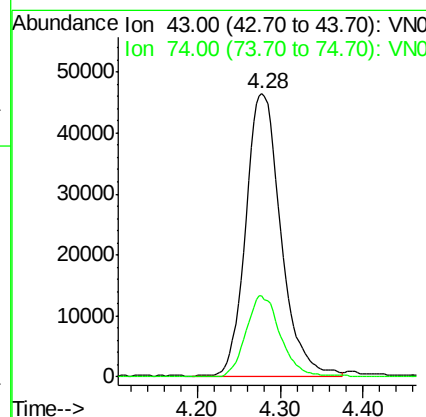
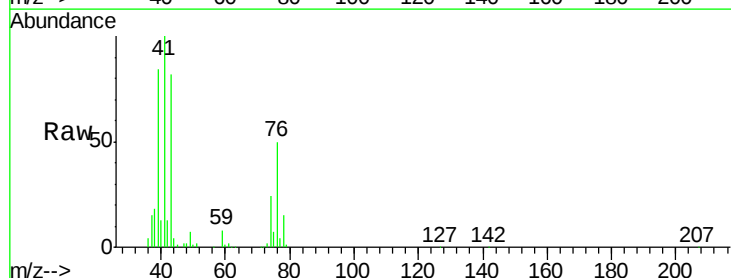
Manual Integrations
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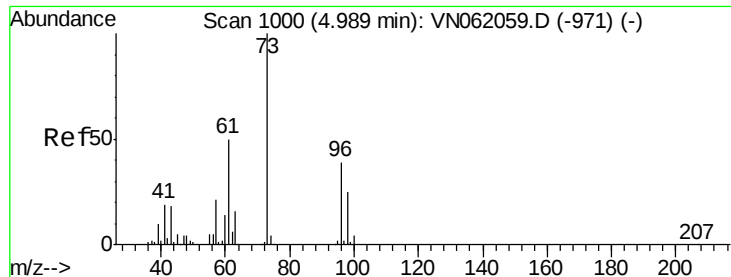
MMDadoda
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#18
Methyl Acetate
Concen: 55.056 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.3	22.9	34.3





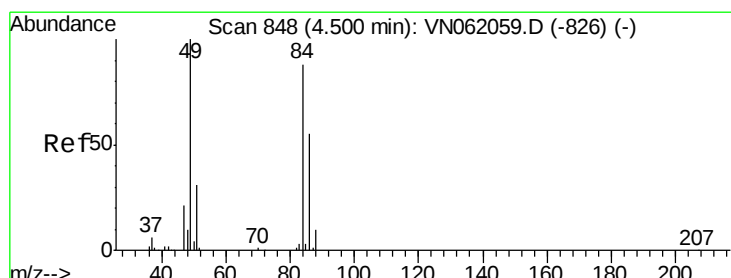
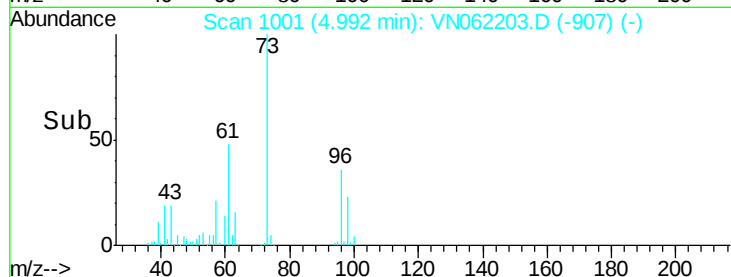
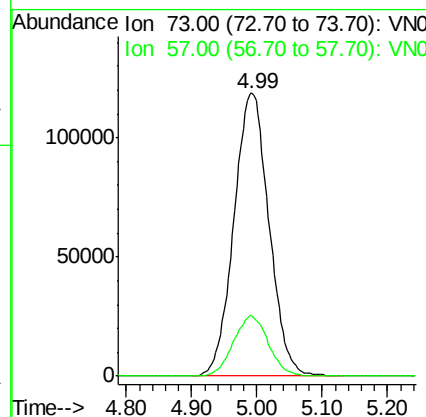
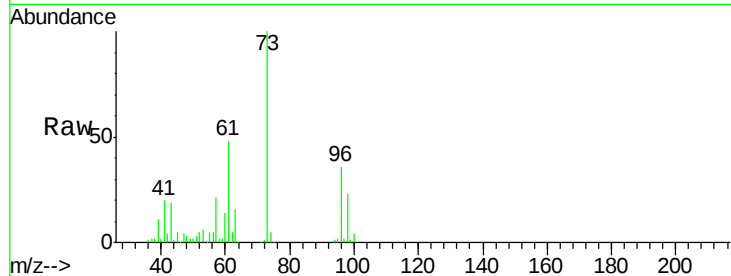
#19
Methvl tert-butvl Ether
Concen: 53.968 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 443266
Ion Ratio Lower Upper
73 100
57 21.4 16.6 24.8

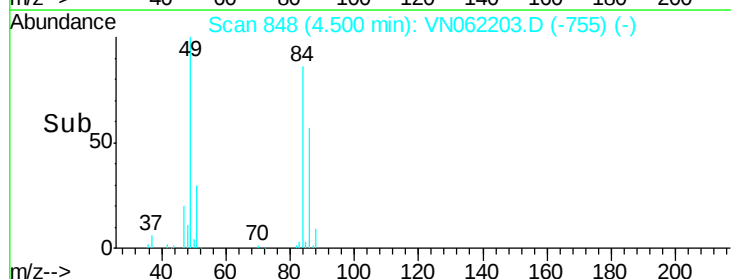
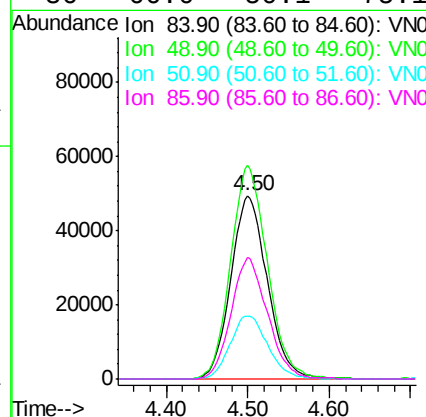
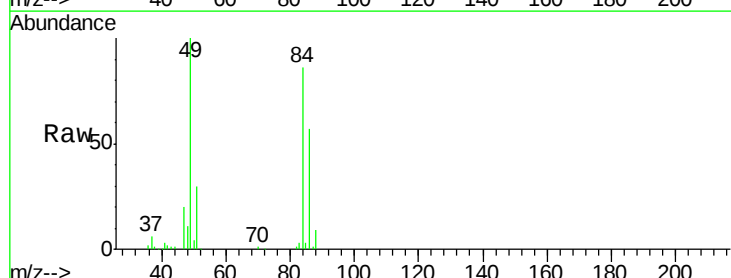
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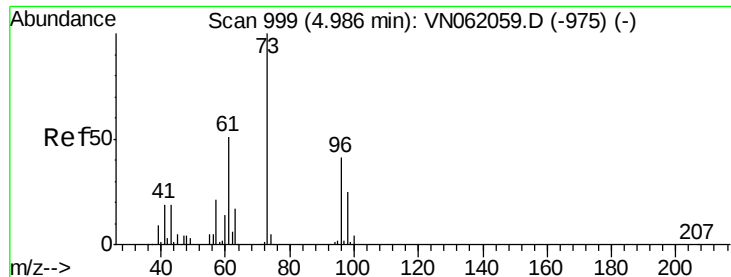
MMDadoda
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#20
Methylene Chloride
Concen: 53.573 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 84 Resp: 154448
Ion Ratio Lower Upper
84 100
49 116.1 90.6 136.0
51 34.4 27.8 41.8
86 66.0 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.621 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

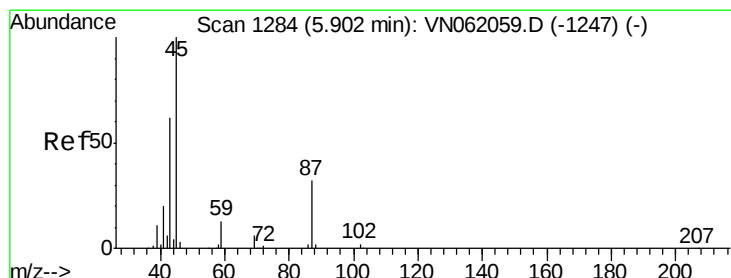
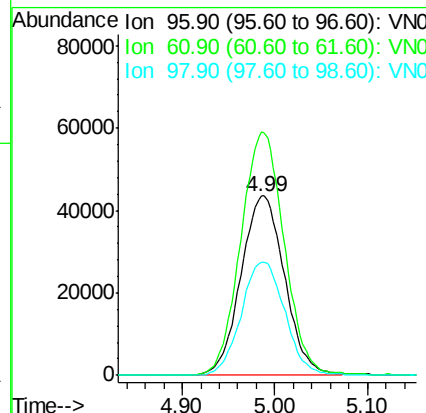
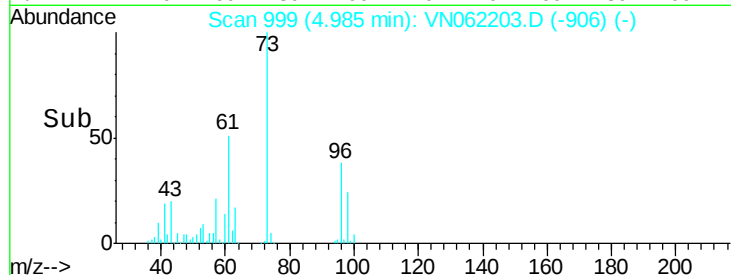
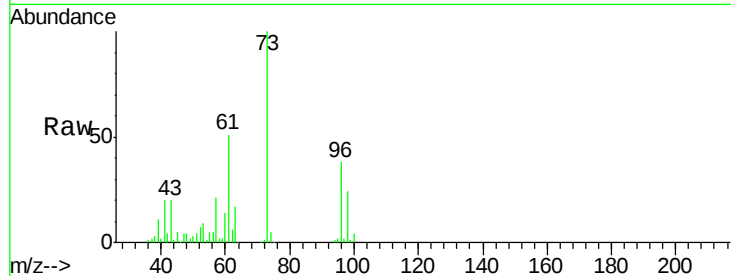
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	142370
Ion	Ratio	Lower	Upper
96	100		
61	135.6	101.4	152.2
98	63.0	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.688 ug/l

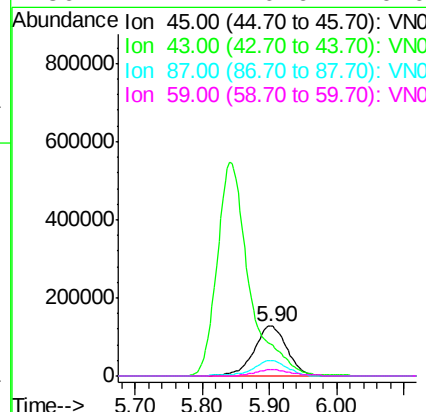
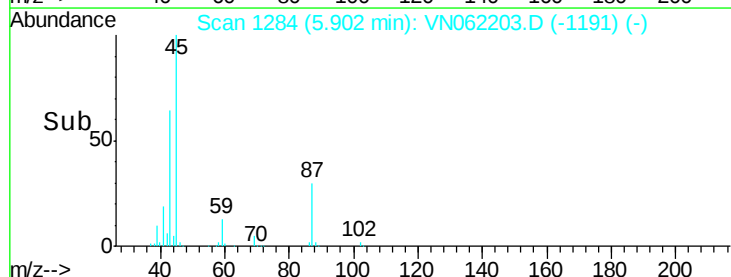
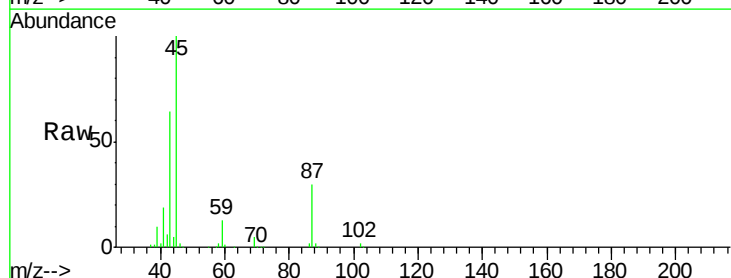
RT: 5.90 min Scan# 1284

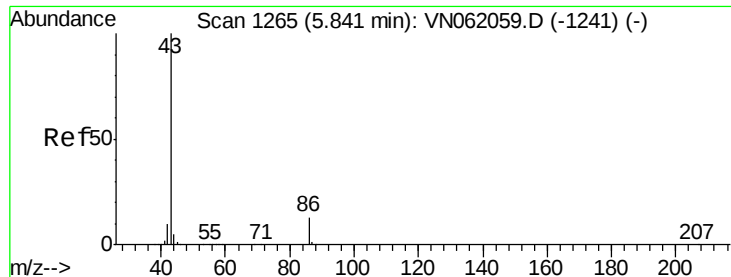
Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:	45	Resp:	435760
Ion	Ratio	Lower	Upper
45	100		
43	62.5	49.7	74.5
87	30.5	25.9	38.9
59	12.7	10.6	16.0





#23

Vinyl Acetate

Concen: 280.226 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1823009

Ion Ratio Lower Upper

43 100

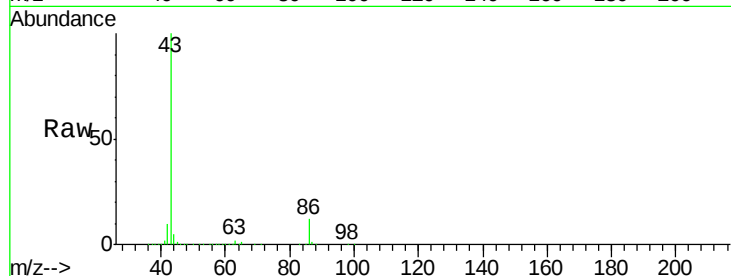
86 11.6 10.1 15.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

600000

500000

400000

300000

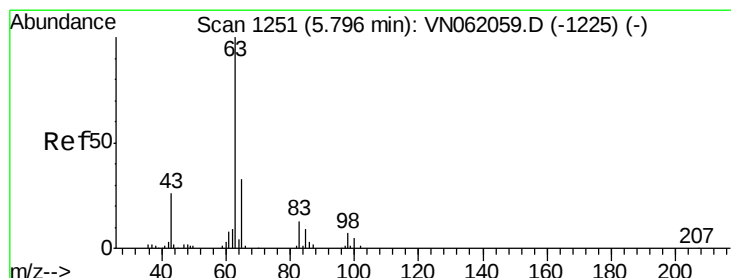
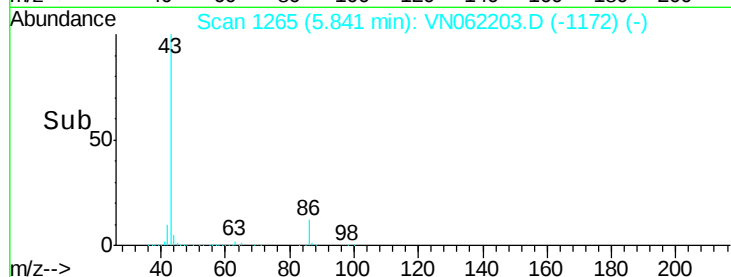
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.833 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

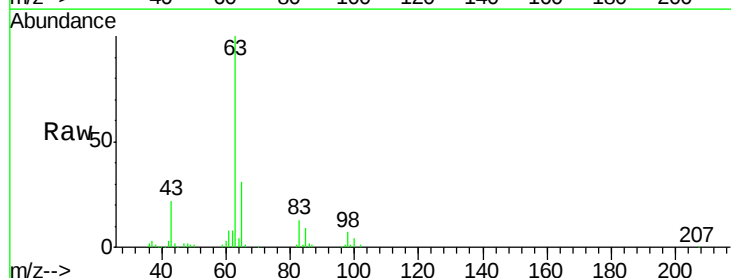
Tgt Ion: 63 Resp: 265953

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

100000

80000

60000

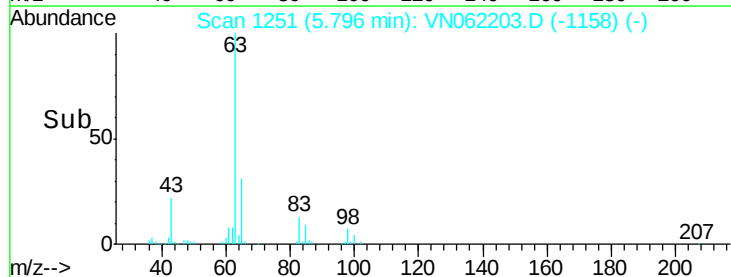
40000

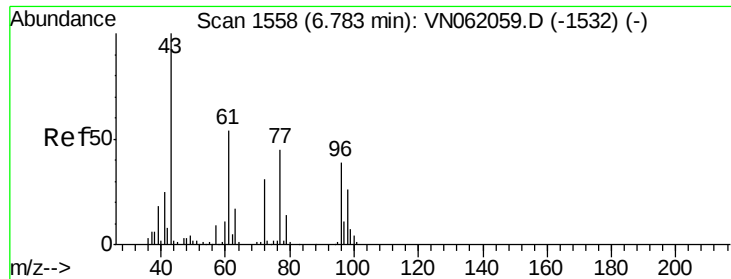
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 276.978 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 425294

Ion Ratio Lower Upper

43 100

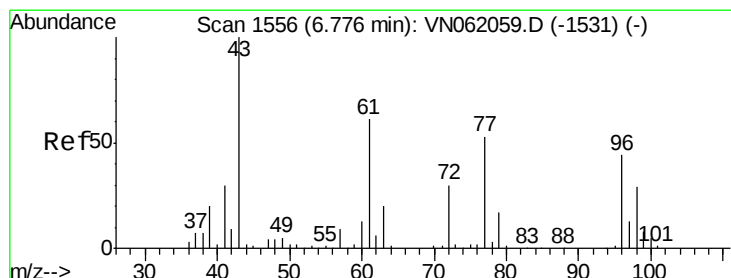
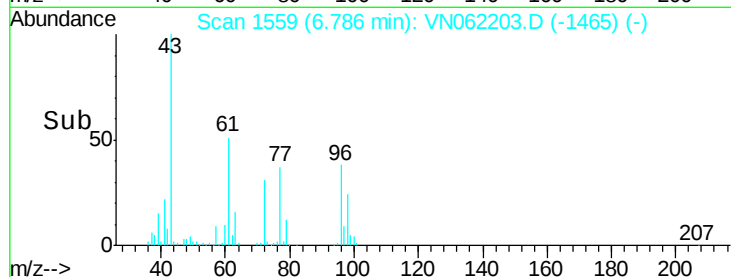
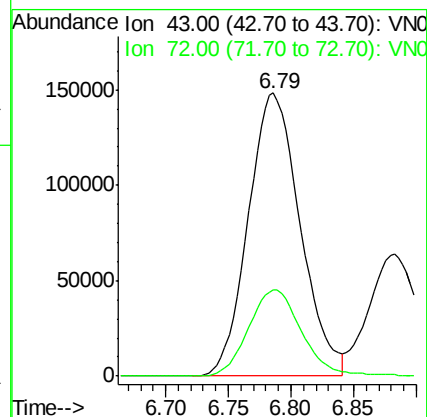
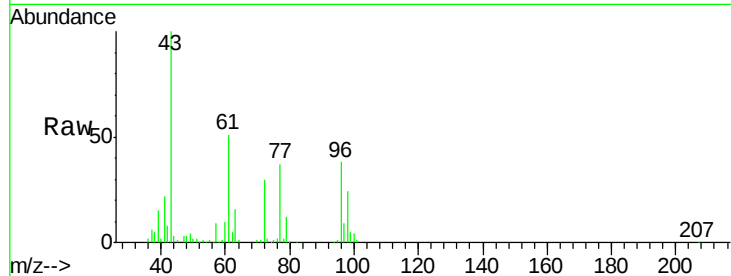
72 30.5 24.8 37.2

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#26

2,2-Dichloropropane

Concen: 46.516 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062203.D

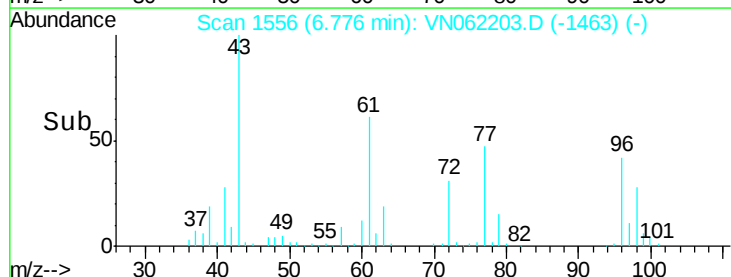
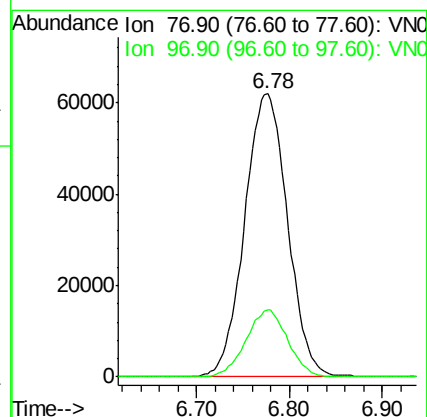
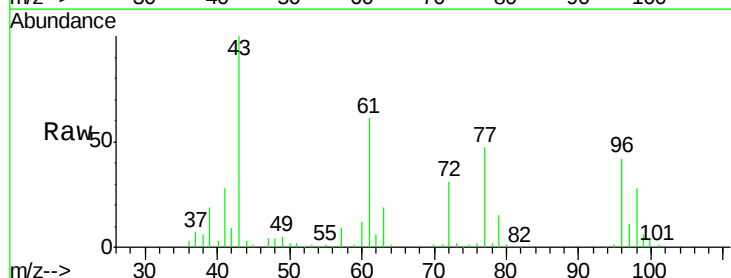
Acq: 29 Jun 2020 21:20

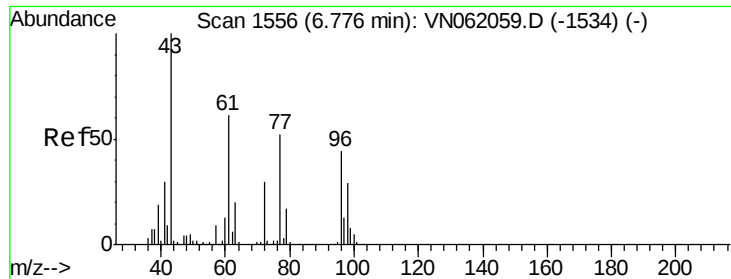
Tgt Ion: 77 Resp: 198888

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3





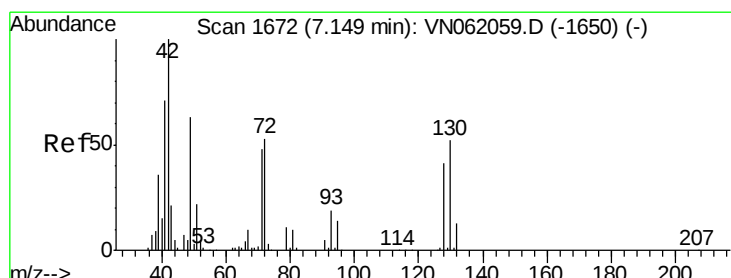
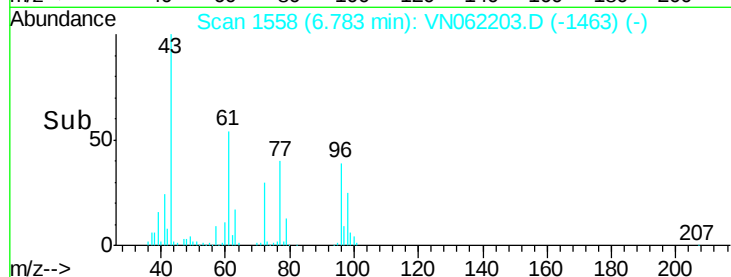
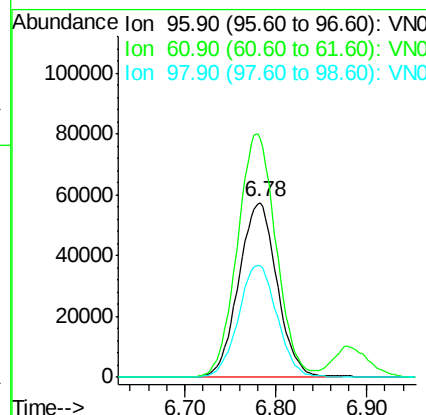
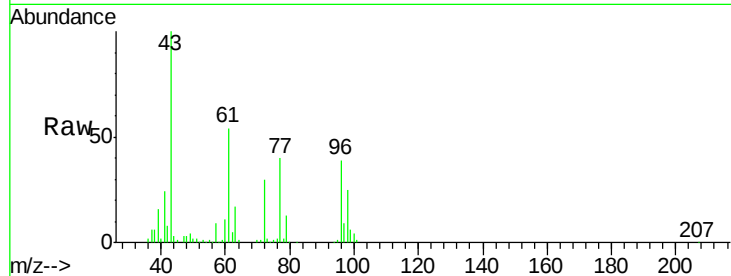
#27
 cis-1,2-Dichloroethene
 Concen: 51.045 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168192		
61	140.2	0.0	280.4	
98	64.6	0.0	129.4	

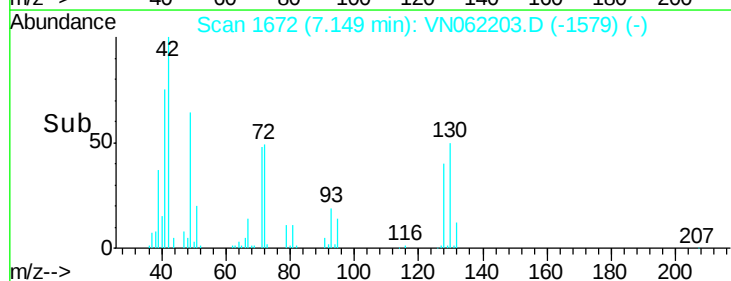
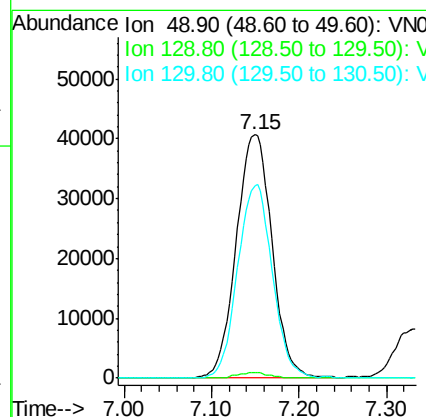
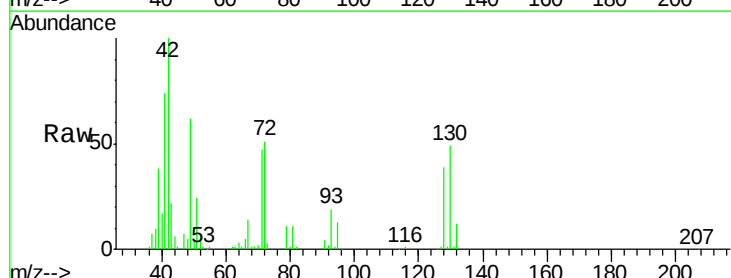
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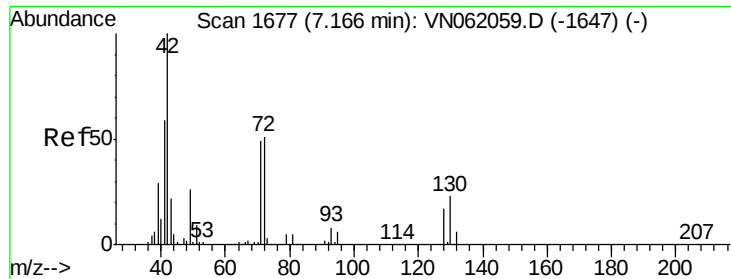
MMDadoda
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#28
 Bromochloromethane
 Concen: 51.929 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115607		
129	2.0	0.0	4.4	
130	76.8	65.5	98.3	





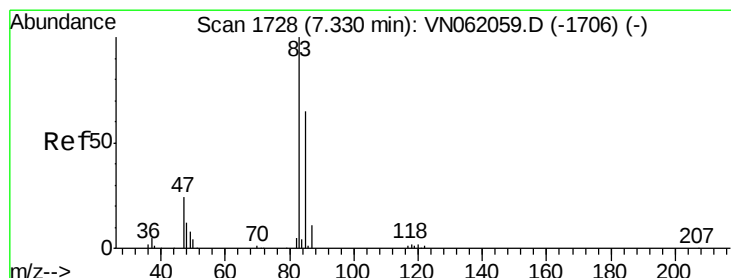
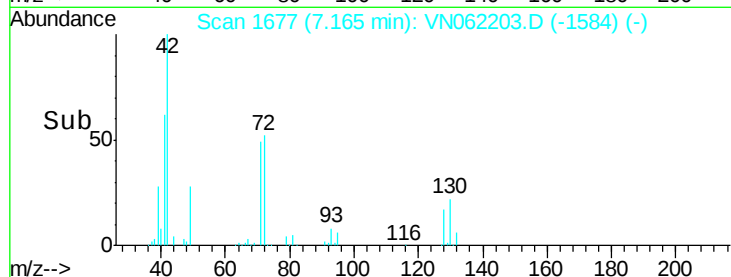
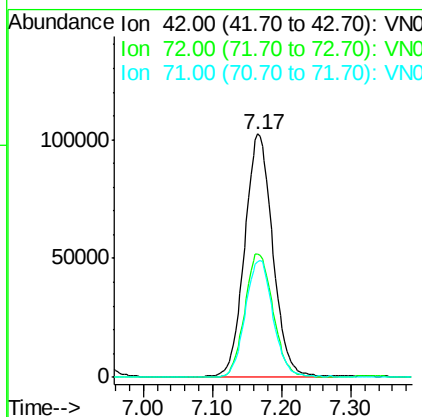
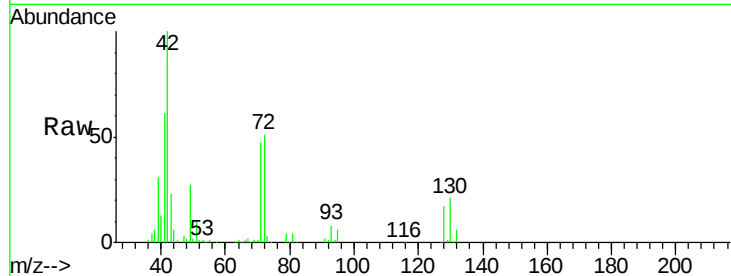
#29
Tetrahydrofuran
Concen: 288.600 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	41.1	61.7
71	47.3	38.2	57.4

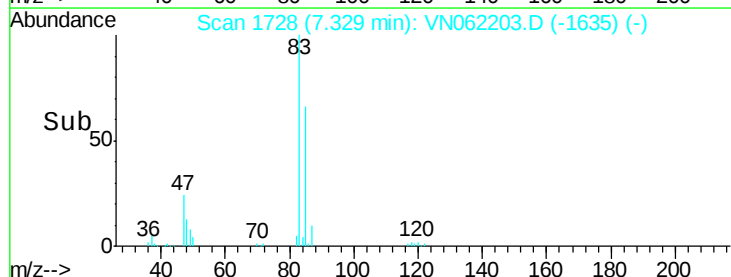
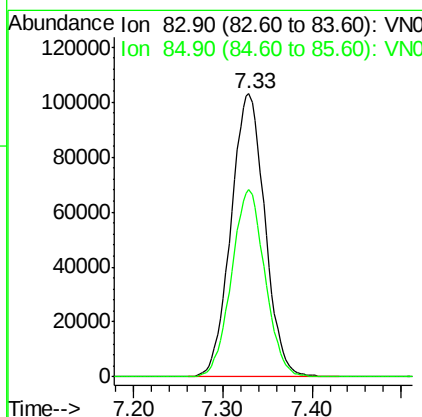
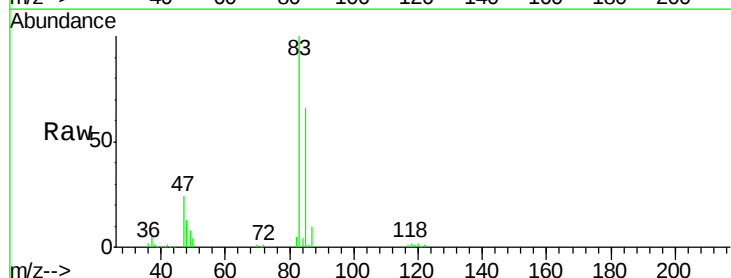
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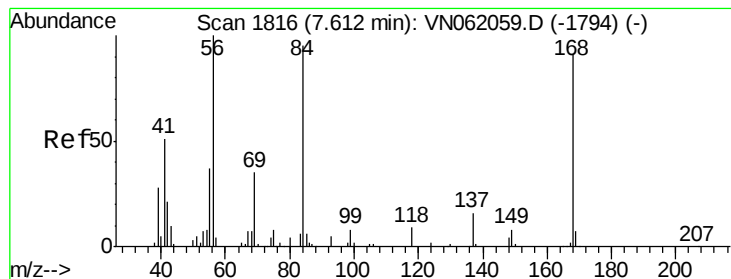
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#30
Chloroform
Concen: 52.146 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.3	78.5





#31

Cyclohexane

Concen: 49.709 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 215746

Ion Ratio Lower Upper

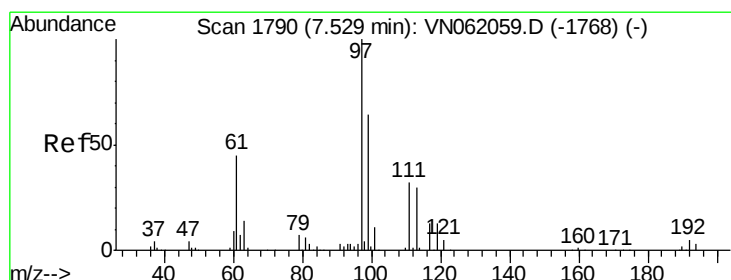
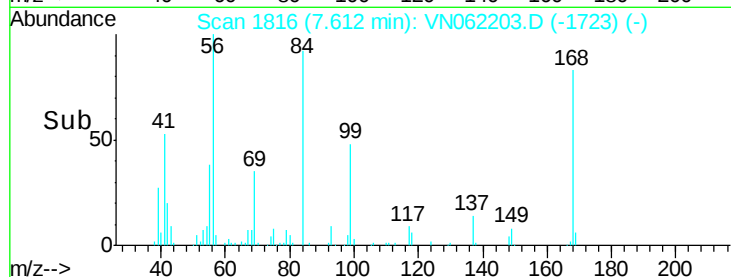
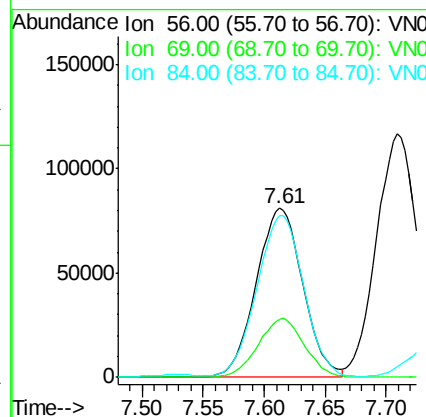
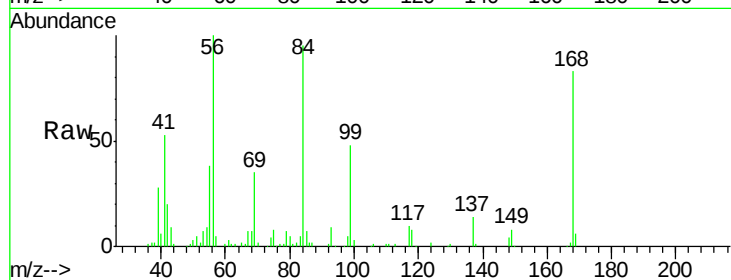
56 100

69 34.6 28.0 42.0

84 94.2 76.1 114.1

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#32

1,1,1-Trichloroethane

Concen: 51.093 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

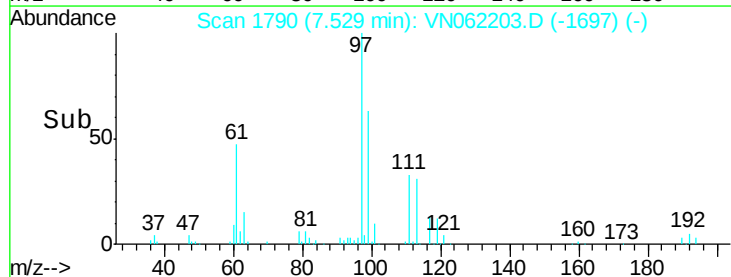
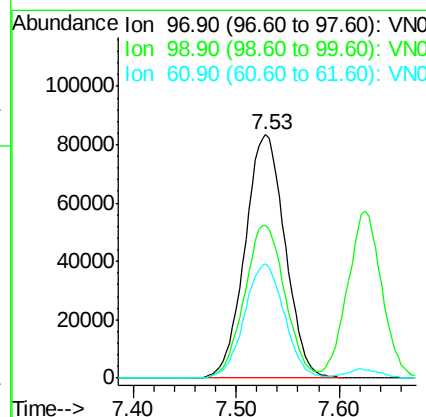
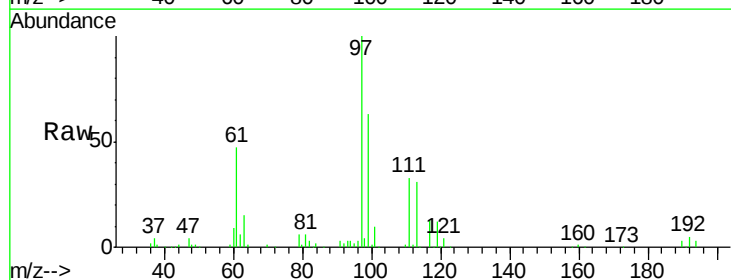
Tgt Ion: 97 Resp: 224936

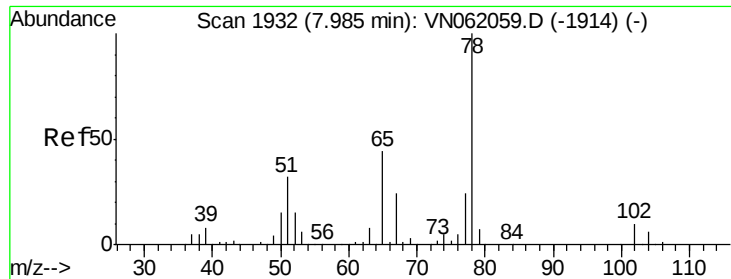
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 46.8 36.2 54.2





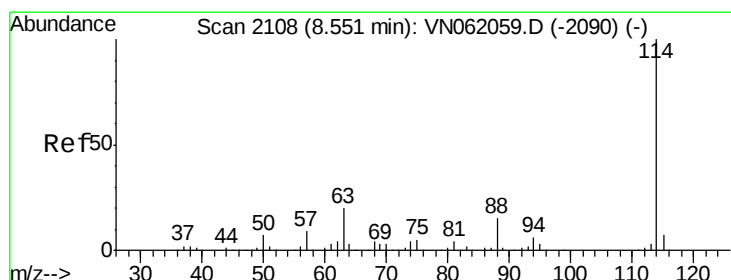
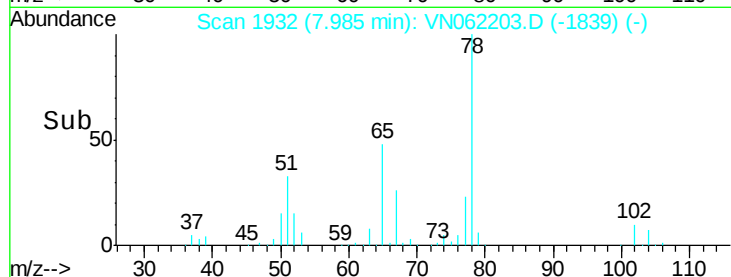
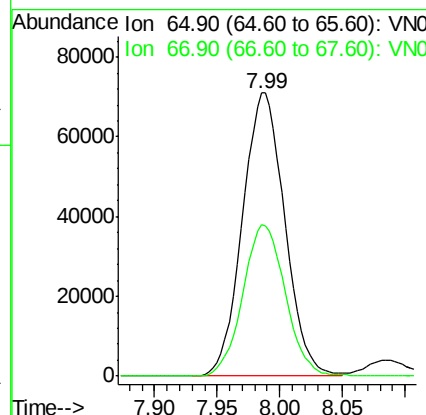
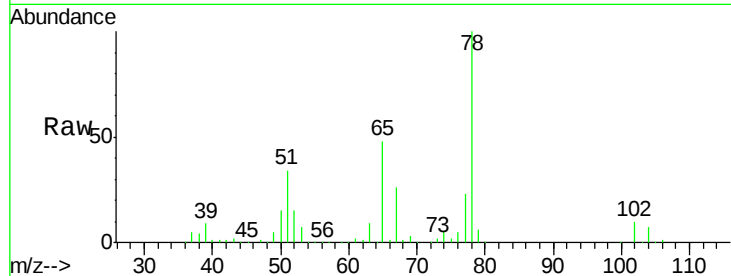
#33
 1,2-Dichloroethane-d4
 Concen: 53.009 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166522		
67	53.5	0.0	106.2	

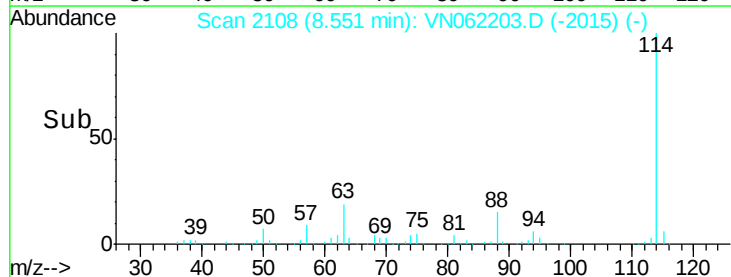
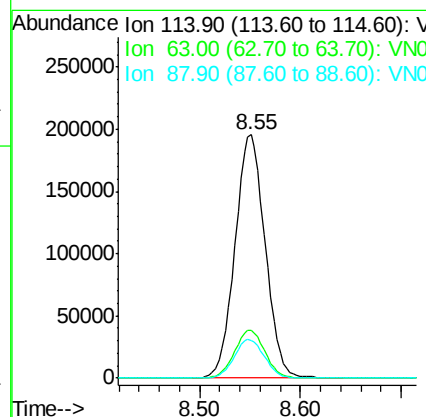
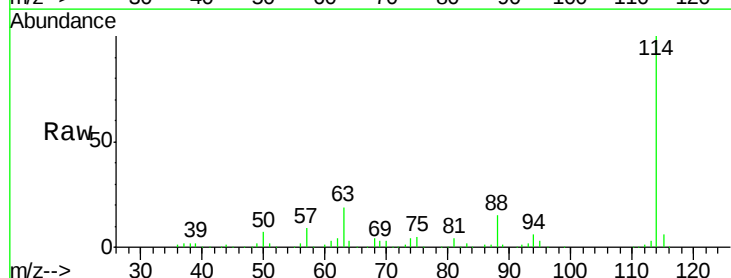
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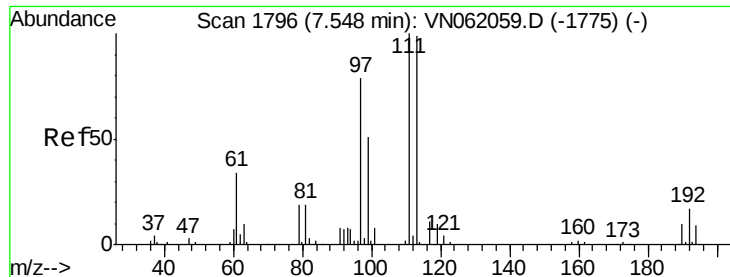
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	405892		
63	19.5	0.0	39.2	
88	15.5	0.0	30.8	





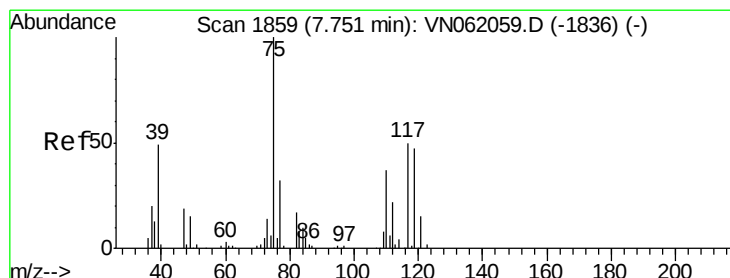
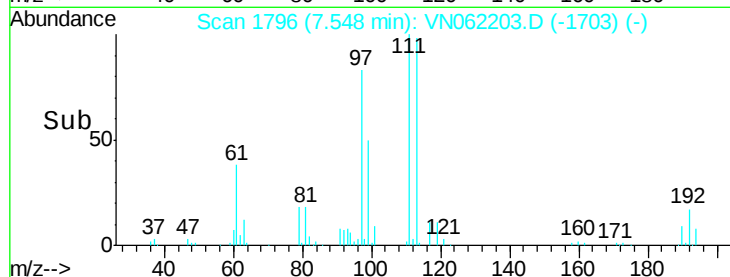
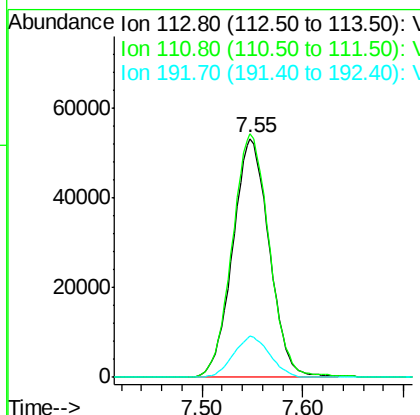
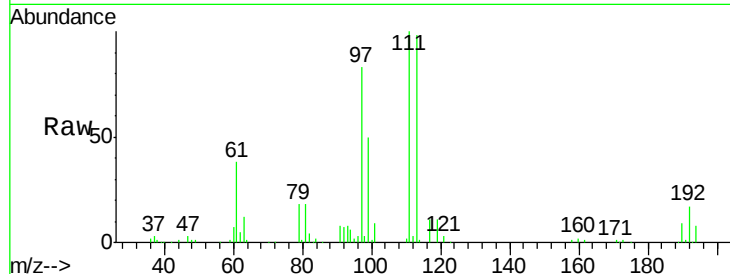
#35
 Dibromofluoromethane
 Concen: 51.251 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133458		
111	103.7	82.2	123.4	
192	17.1	14.0	21.0	

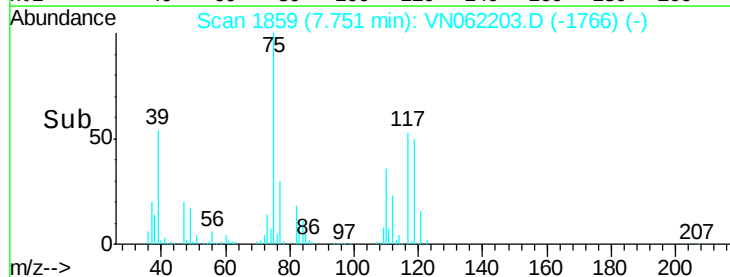
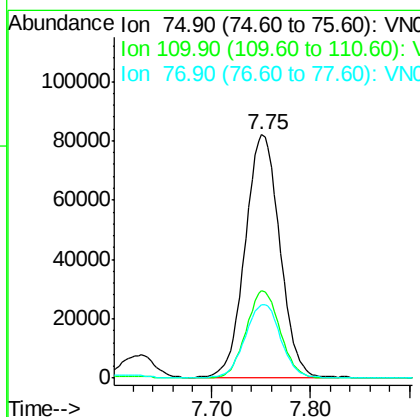
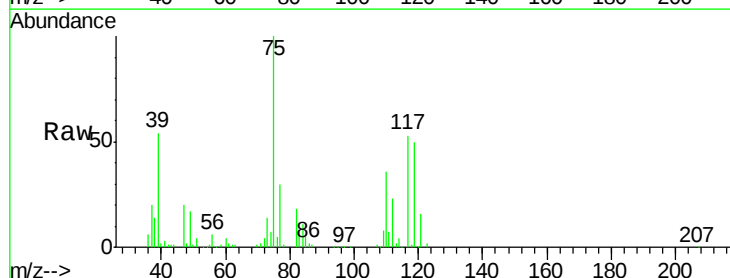
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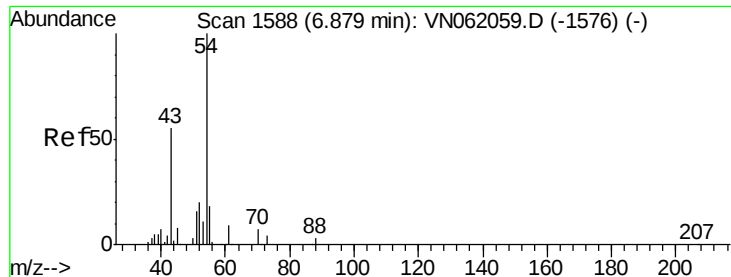
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#36
 1,1-Dichloropropene
 Concen: 48.660 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198524		
110	35.2	17.9	53.8	
77	31.4	24.9	37.3	





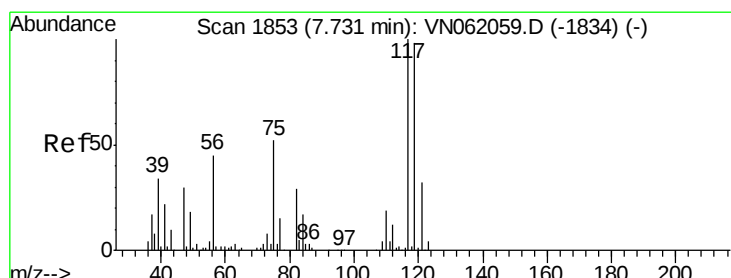
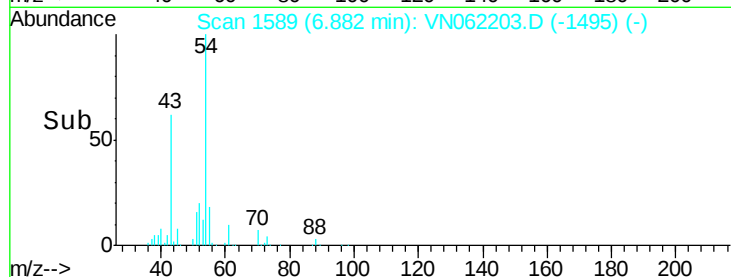
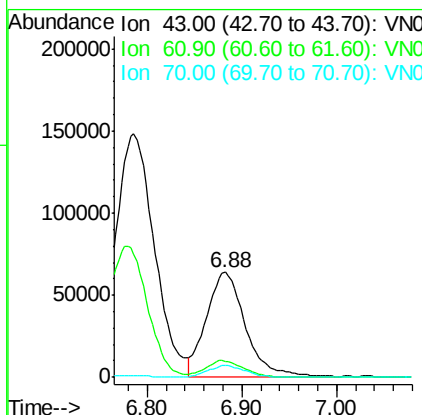
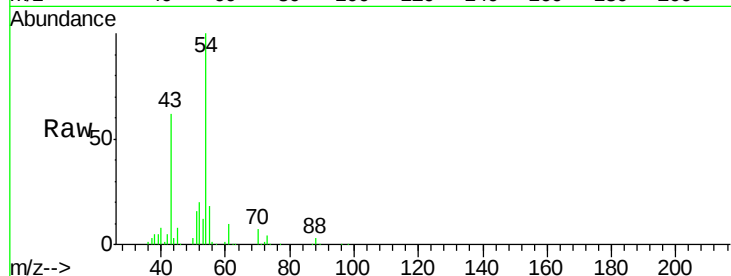
#37
Ethyl Acetate
Concen: 53.849 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.0	18.0
70	10.9	9.6	14.4

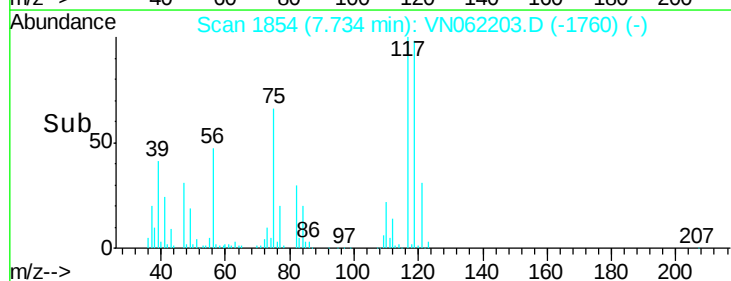
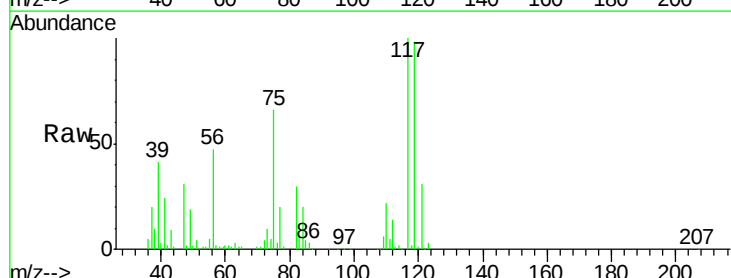
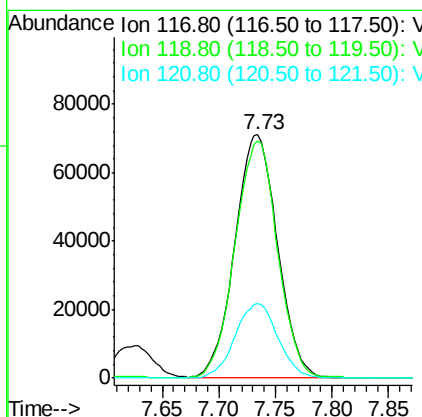
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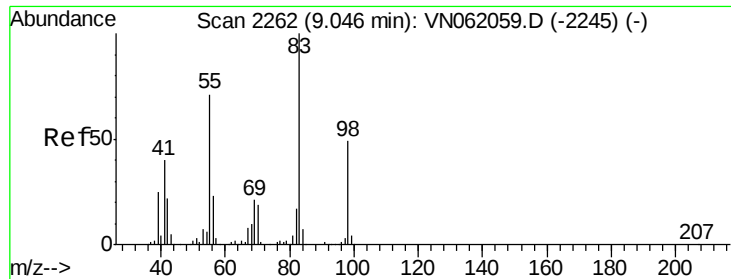
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#38
Carbon Tetrachloride
Concen: 48.313 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.2	117.2
121	30.9	25.8	38.6





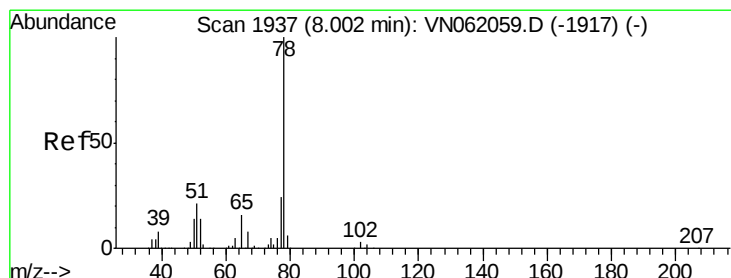
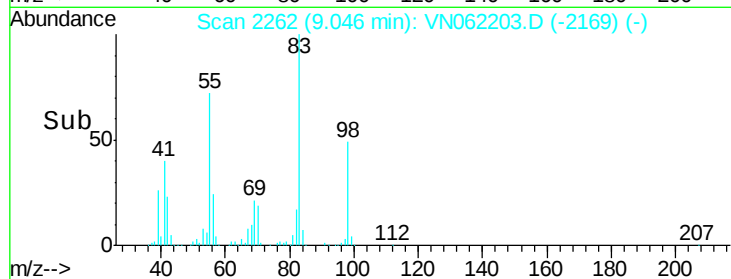
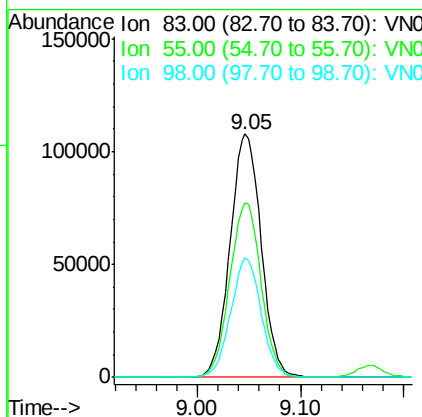
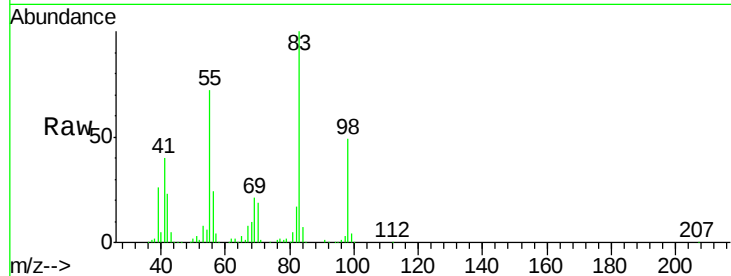
#39
Methvlcvclohexane
Concen: 50.657 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	226447		
55	71.4		57.0	85.6
98	48.9		39.0	58.6

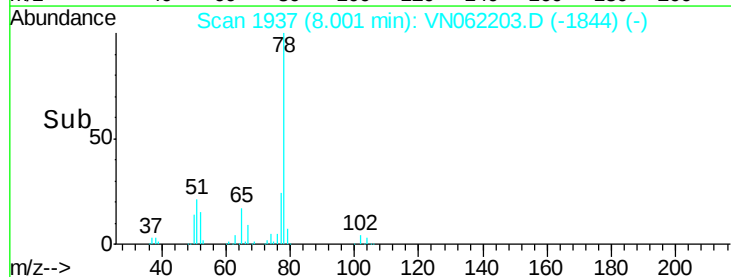
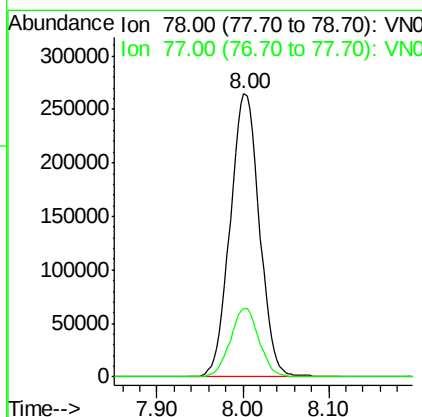
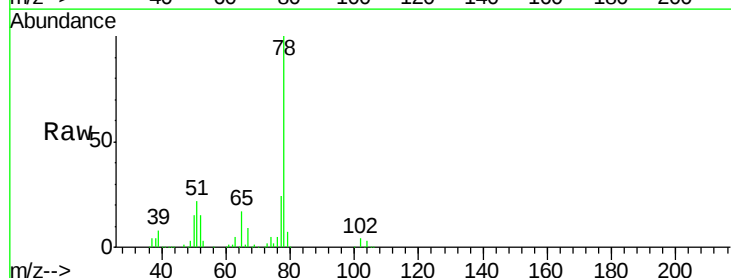
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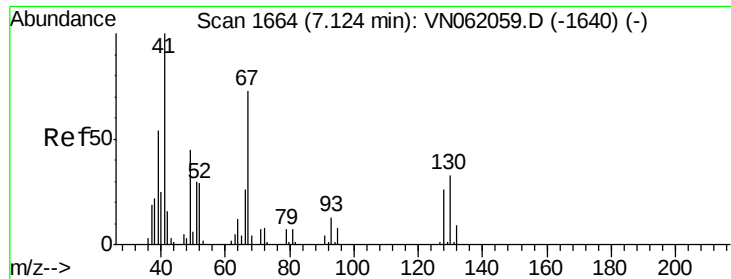
MMDadoda
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#40
Benzene
Concen: 50.292 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	625387		
77	24.2		19.5	29.3





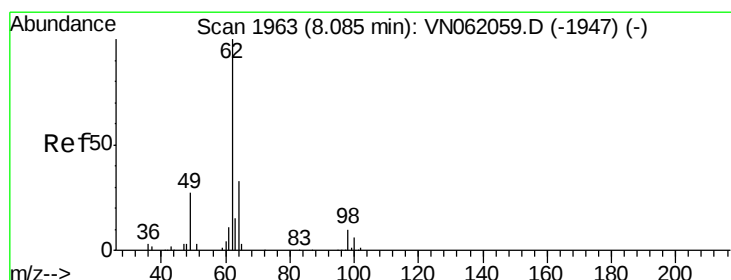
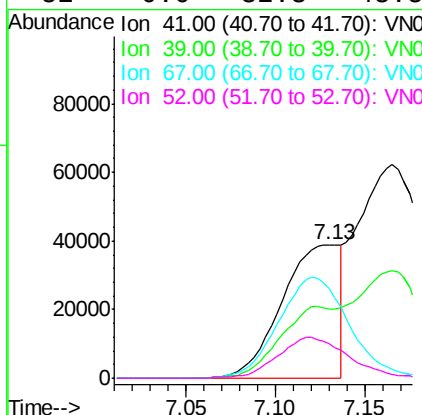
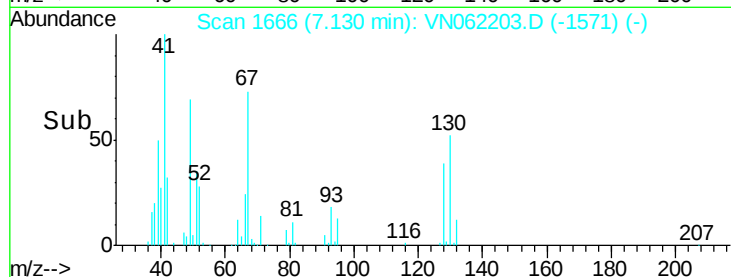
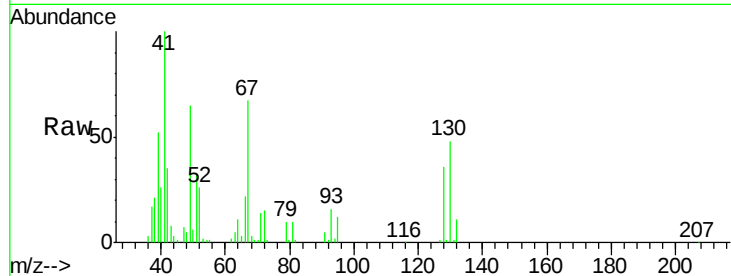
#41
Methacrylonitrile
Concen: 56.014 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

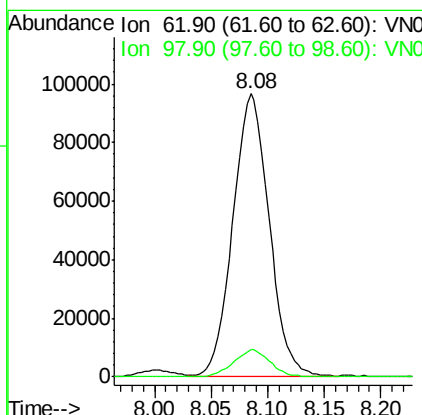
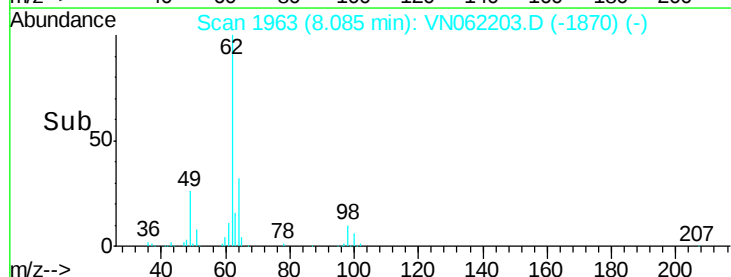
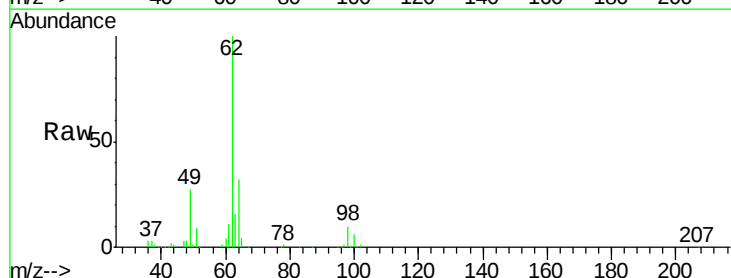
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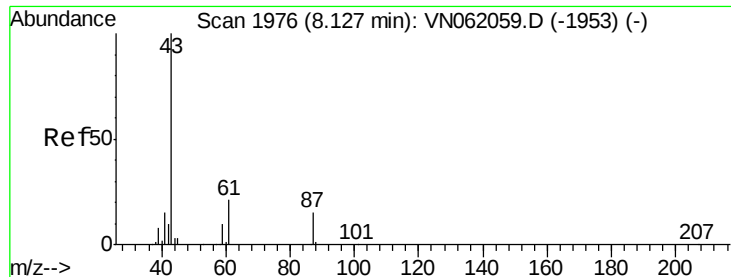
MMDadoda
6/30/2020 10:43:11 AM



#42
1,2-Dichloroethane
Concen: 51.134 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.300 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

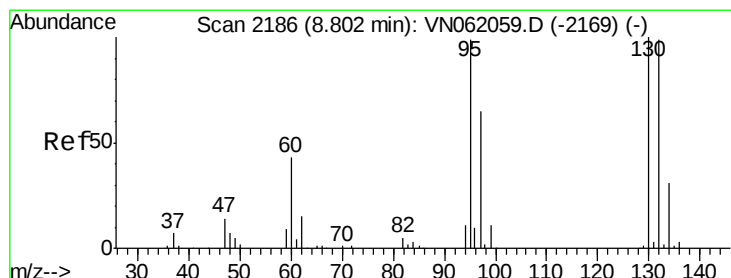
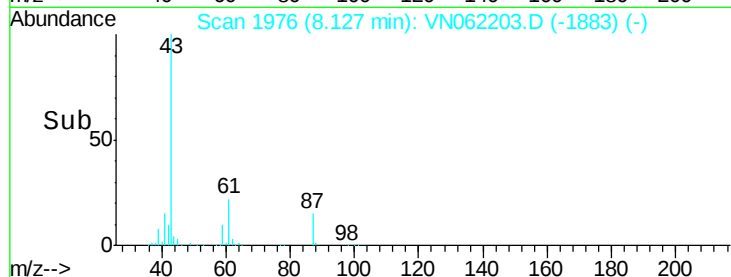
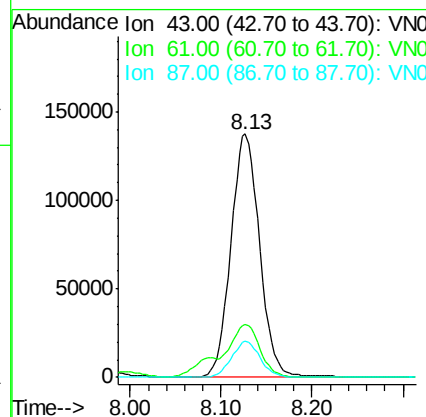
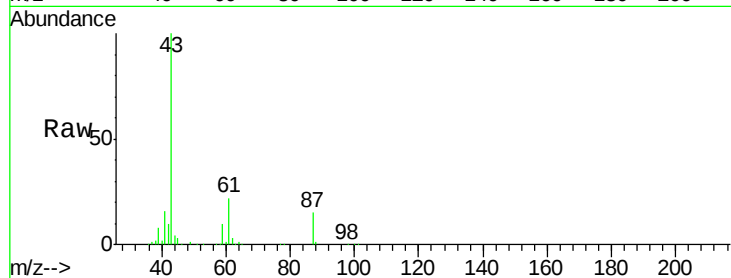
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	299039
Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.2	25.8
87	14.8	12.1	18.1

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6/30/2020 10:43:11 AM



#44

Trichloroethene

Concen: 47.927 ug/l

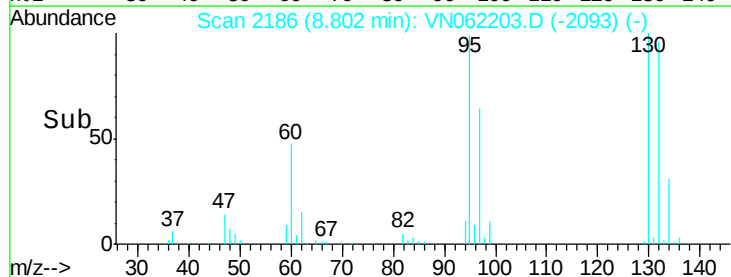
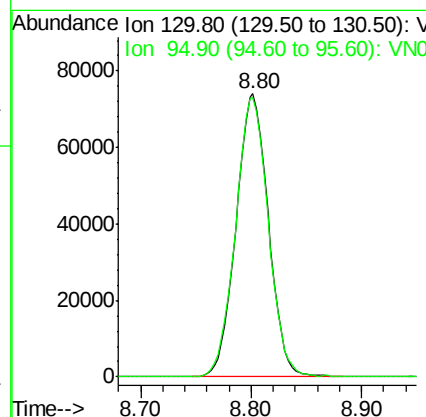
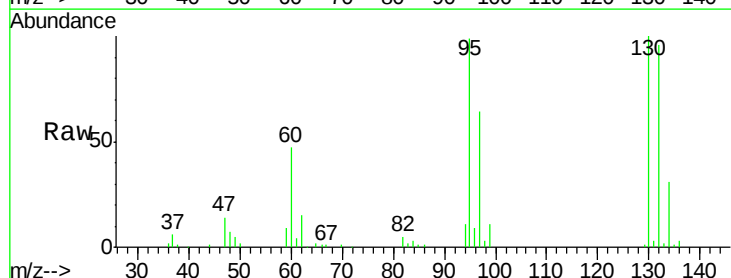
RT: 8.80 min Scan# 2186

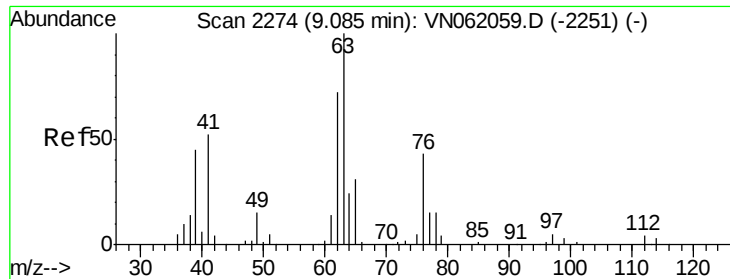
Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:	130	Resp:	150336
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	197.8





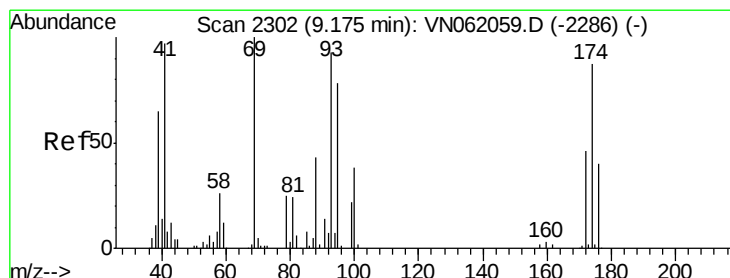
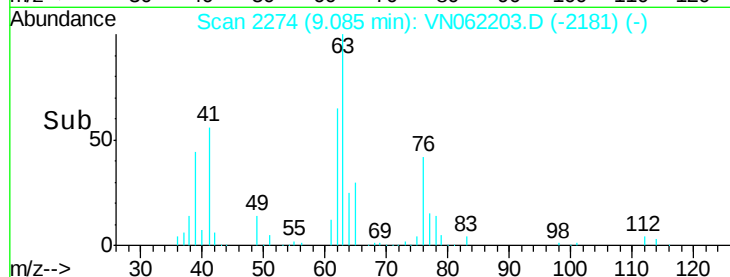
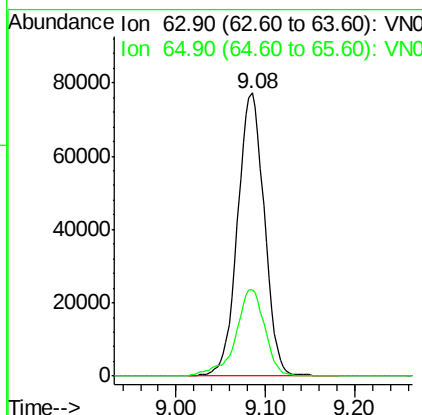
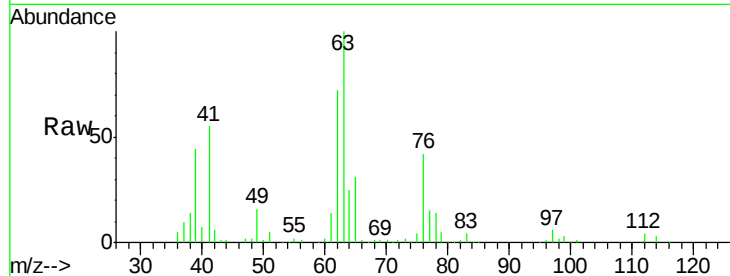
#45
 1,2-Dichloropropane
 Concen: 52.574 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 161287
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4

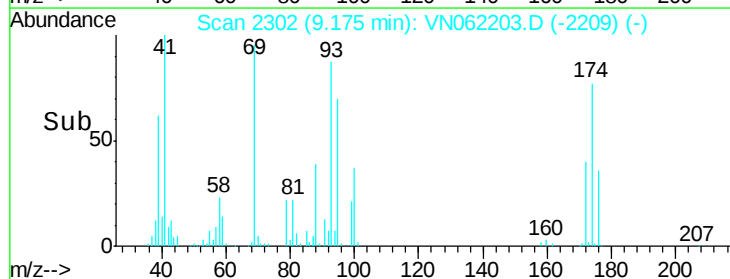
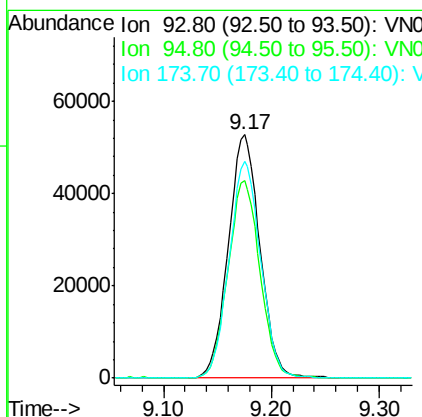
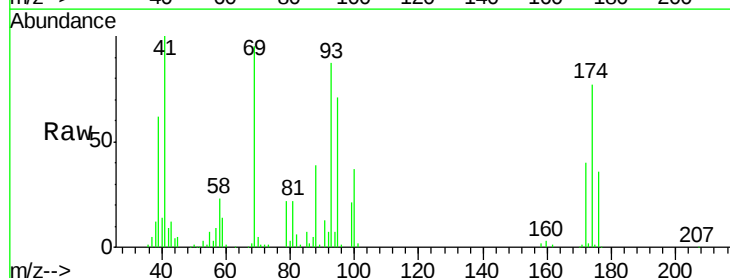
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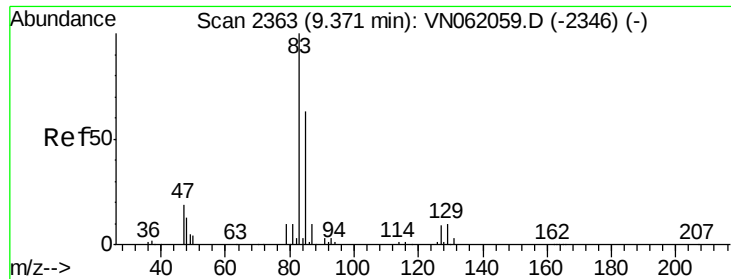
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#46
 Dibromomethane
 Concen: 51.916 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion: 93 Resp: 107985
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.0 100.6
 174 88.7 74.4 111.6





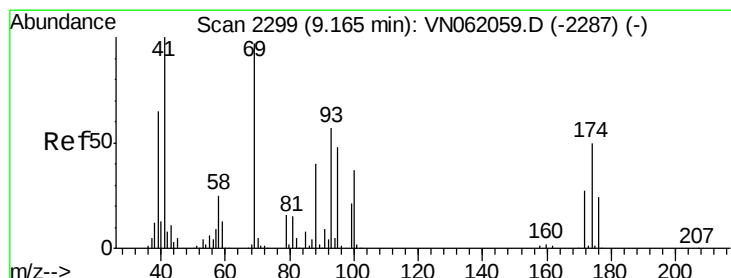
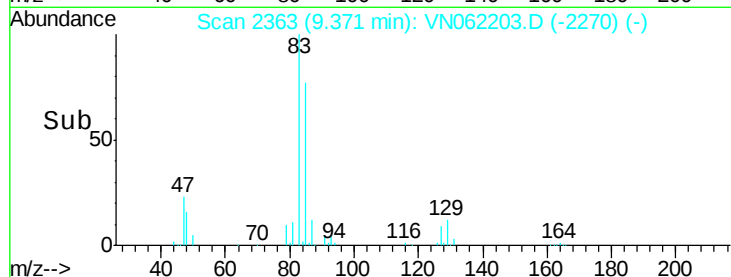
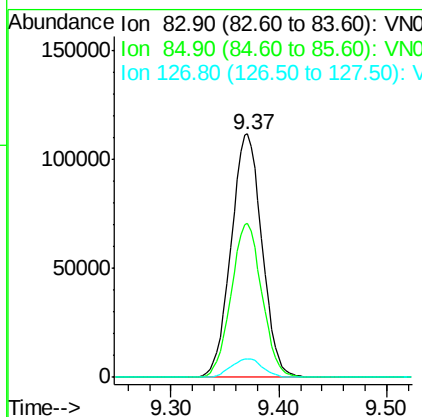
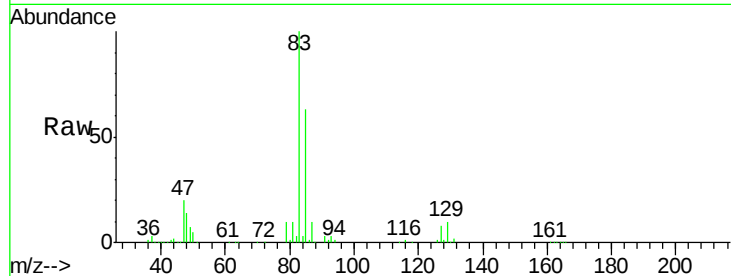
#47
Bromodichloromethane
Concen: 53.086 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.3	75.5
127	7.8	6.9	10.3

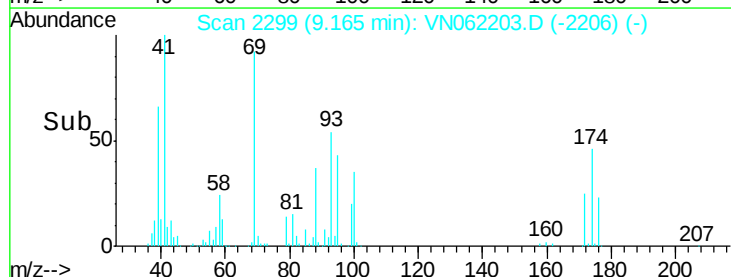
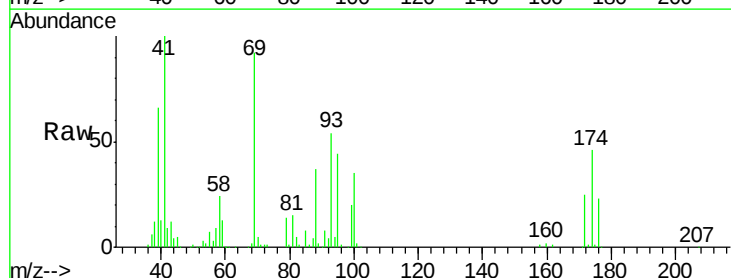
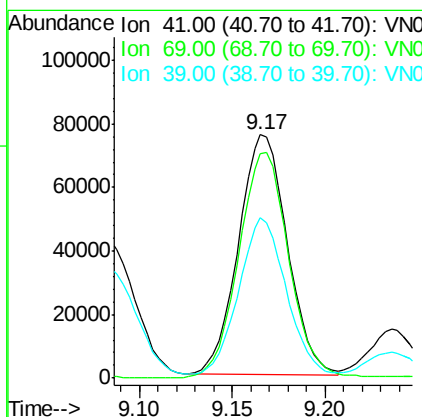
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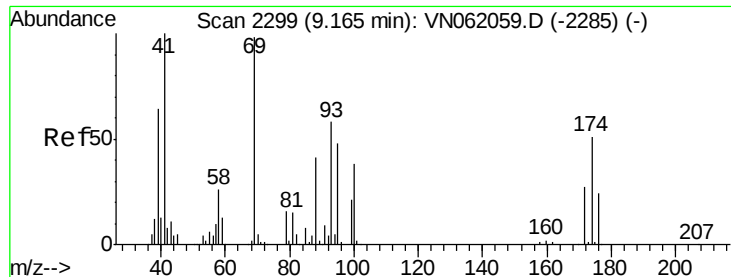
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#48
Methyl methacrylate
Concen: 56.239 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.2	80.7	121.1
39	66.2	54.5	81.7





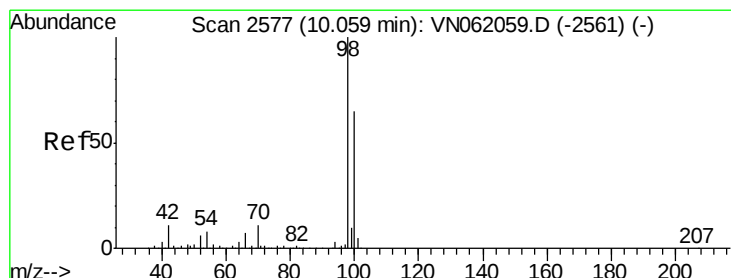
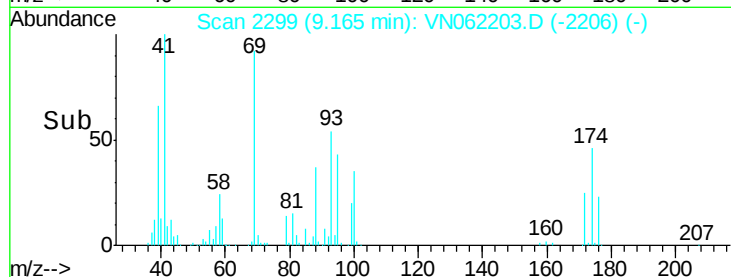
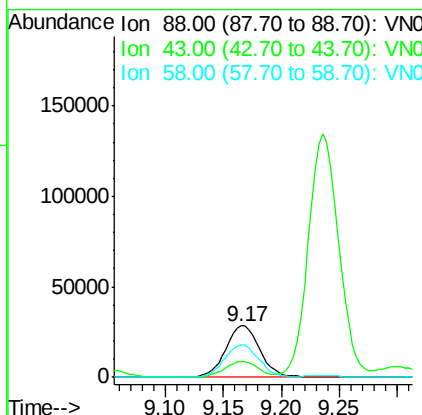
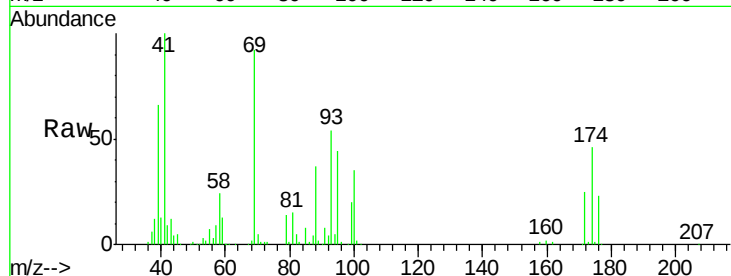
#49
1,4-Dioxane
Concen: 1060.059 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	22.0	33.0
58	63.6	49.2	73.8

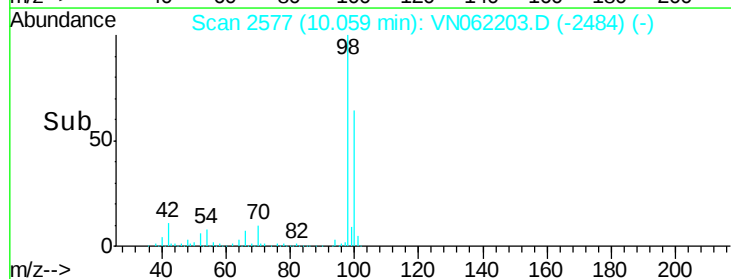
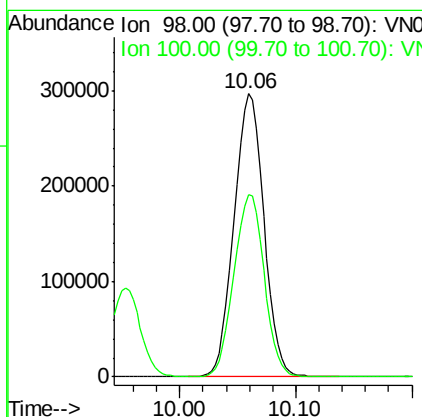
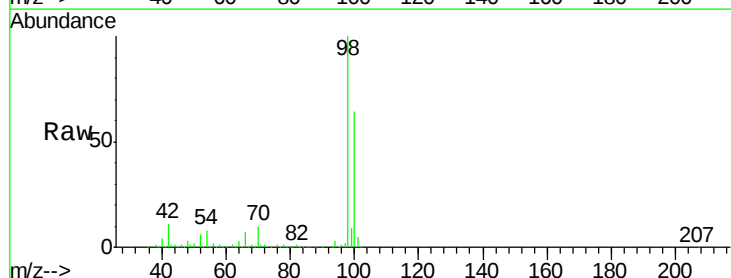
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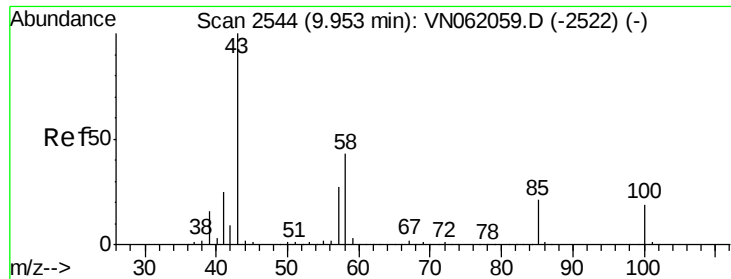
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6/30/2020 10:43:11 AM



#50
Toluene-d8
Concen: 50.954 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 290.572 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 934951

Ion Ratio Lower Upper

43 100

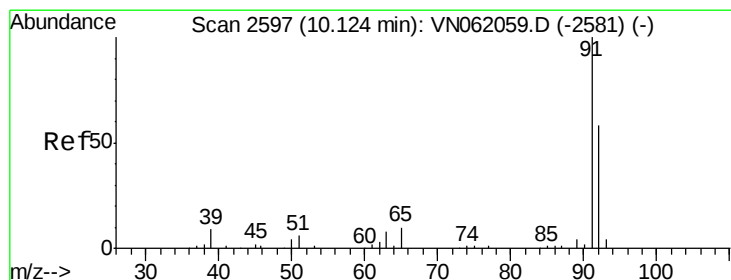
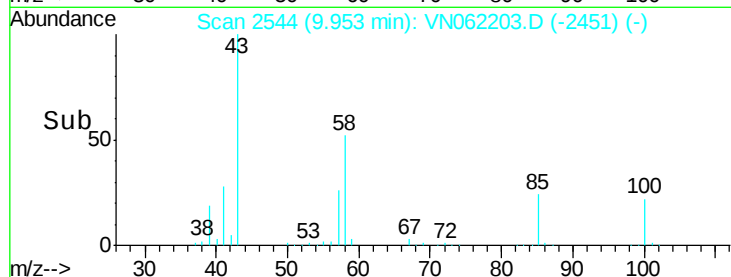
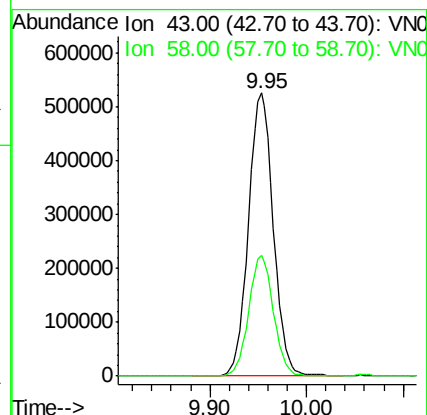
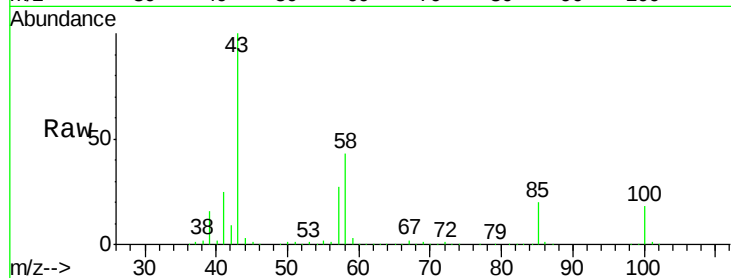
58 42.3 34.2 51.2

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6/30/2020 10:43:11 AM



#52

Toluene

Concen: 52.072 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062203.D

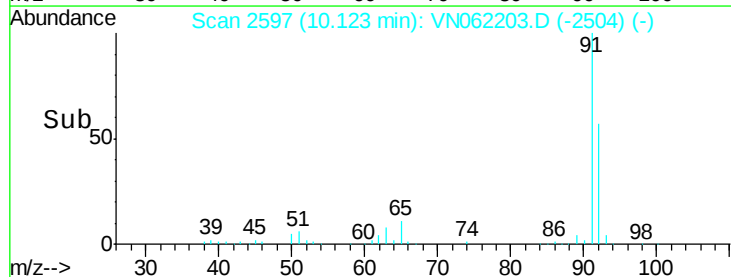
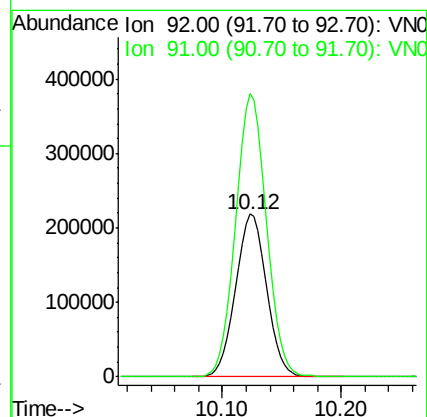
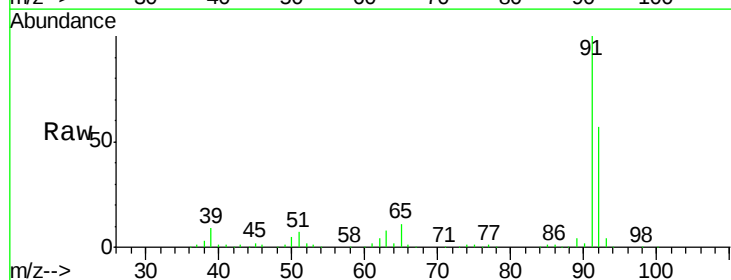
Acq: 29 Jun 2020 21:20

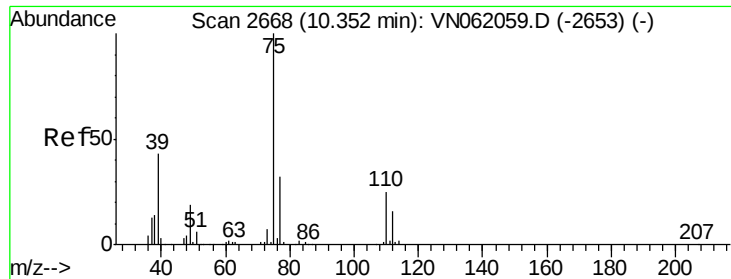
Tgt Ion: 92 Resp: 395089

Ion Ratio Lower Upper

92 100

91 173.2 137.4 206.0





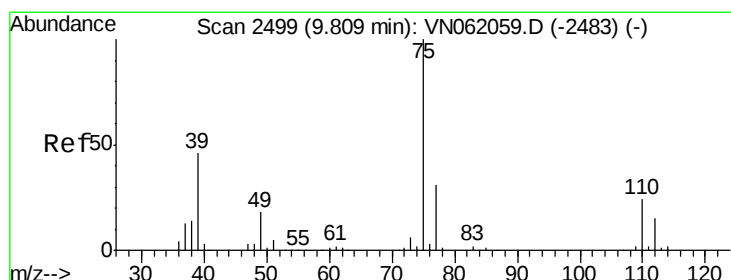
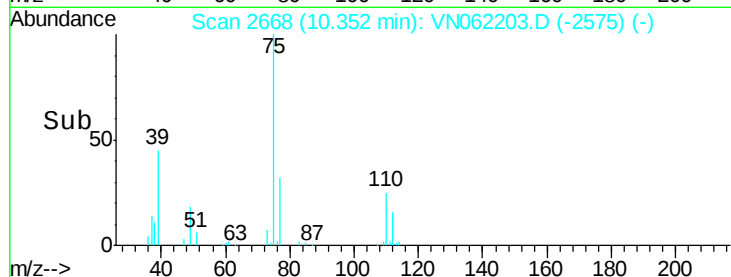
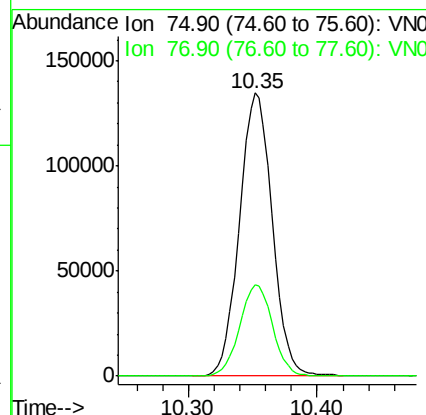
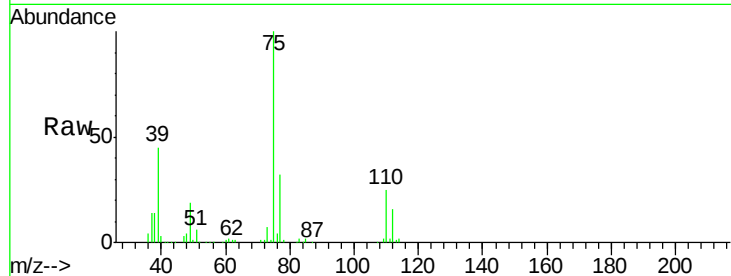
#53
 t-1,3-Dichloropropene
 Concen: 51.503 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 237969
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3

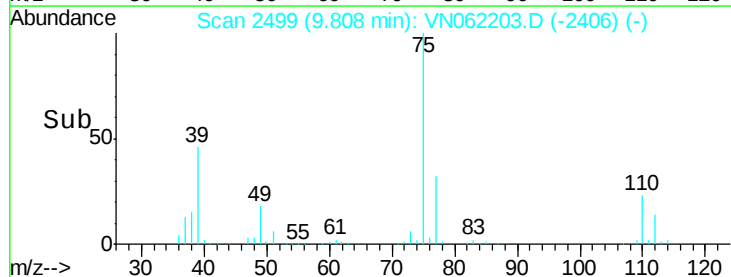
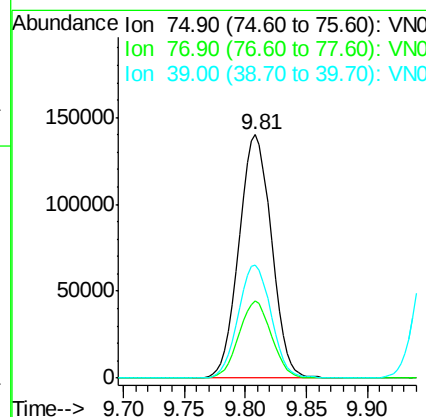
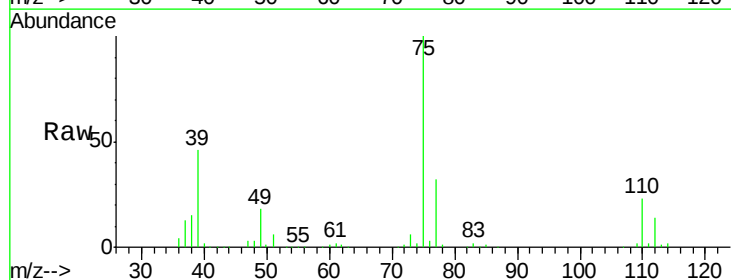
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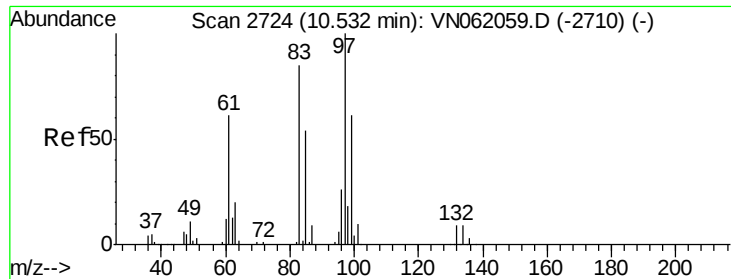
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#54
 cis-1,3-Dichloropropene
 Concen: 52.747 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion: 75 Resp: 259476
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6
 39 46.2 36.9 55.3





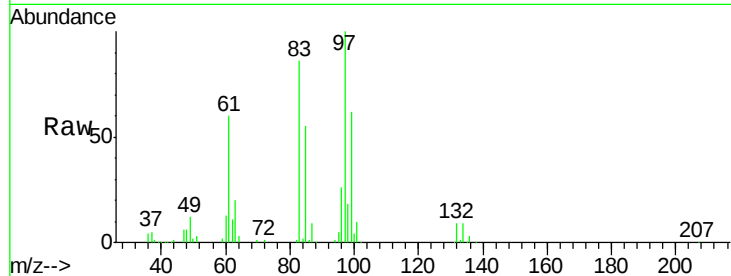
#55
 1,1,2-Trichloroethane
 Concen: 52.837 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	157586
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.2	102.2
85	55.3	43.2	64.8
99	61.5	48.5	72.7

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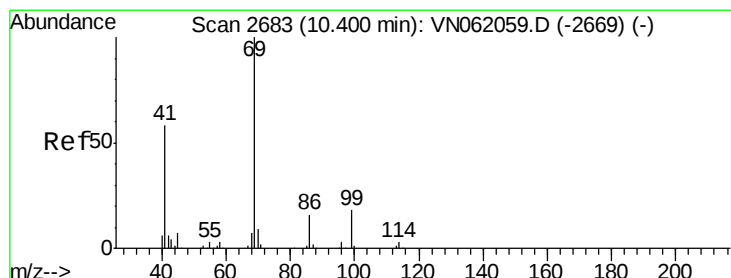
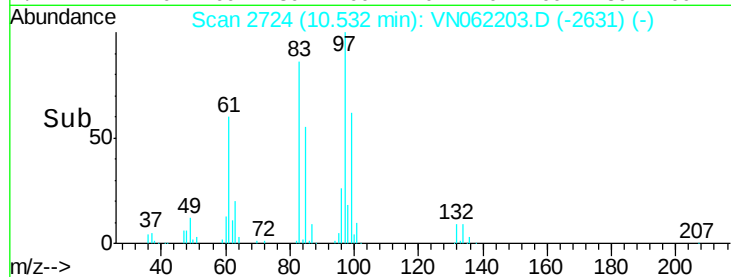
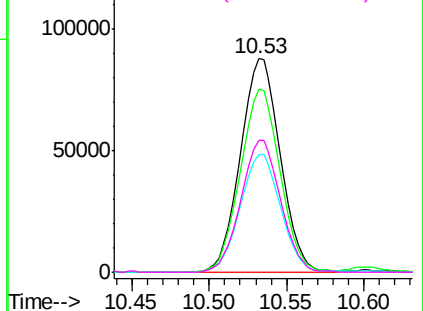


Abundance Ion 96.90 (96.60 to 97.60): VN062203.D (-2631) (-)

Ion 82.90 (82.60 to 83.60): VN062203.D (-2631) (-)

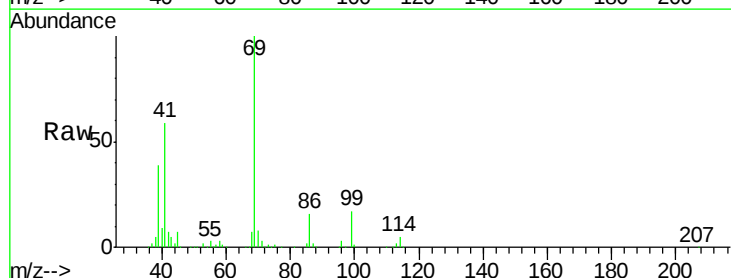
Ion 84.90 (84.60 to 85.60): VN062203.D (-2631) (-)

Ion 98.90 (98.60 to 99.60): VN062203.D (-2631) (-)



#56
 Ethyl methacrylate
 Concen: 57.815 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

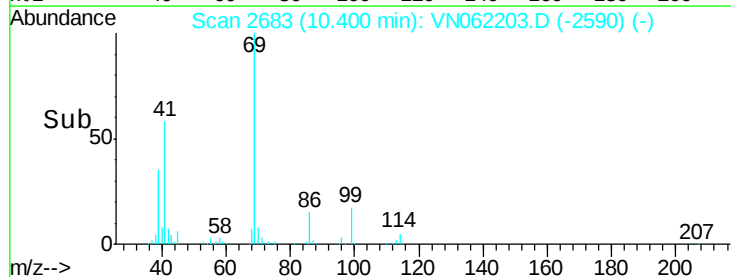
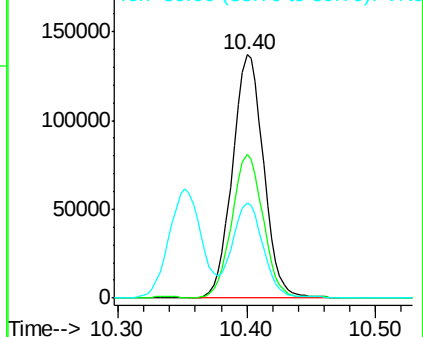
Tgt Ion:	69	Resp:	230120
Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.6	70.0
39	38.2	31.0	46.4

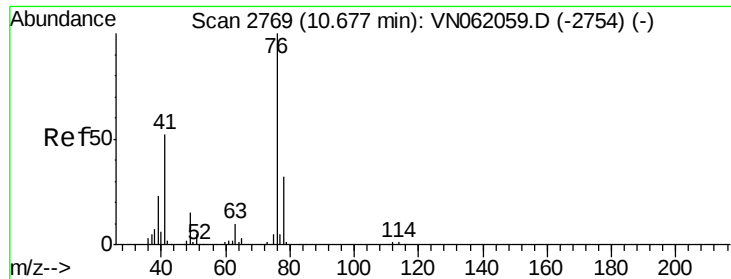


Abundance Ion 69.00 (68.70 to 69.70): VN062203.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN062203.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN062203.D (-2590) (-)





#57

1,3-Dichloropropane

Concen: 52.505 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 76 Resp: 269541

Ion Ratio Lower Upper

76 100

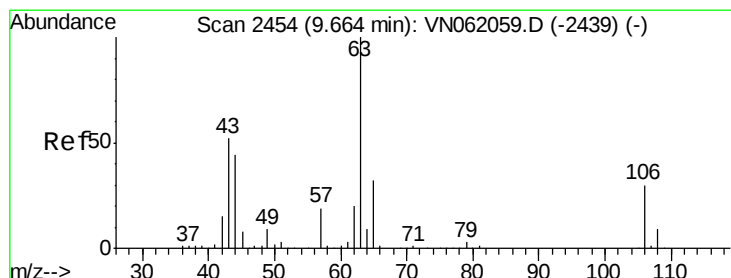
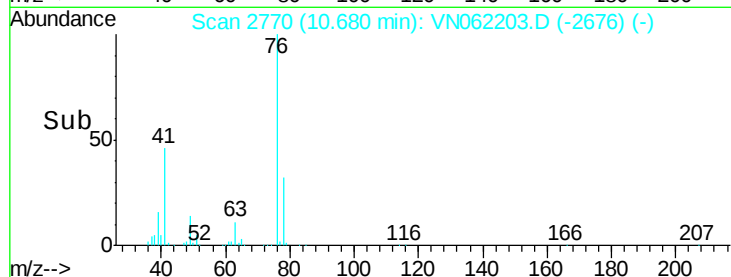
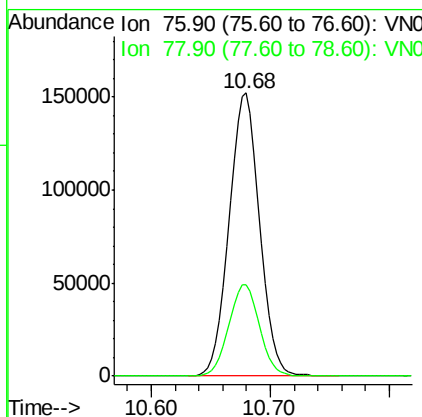
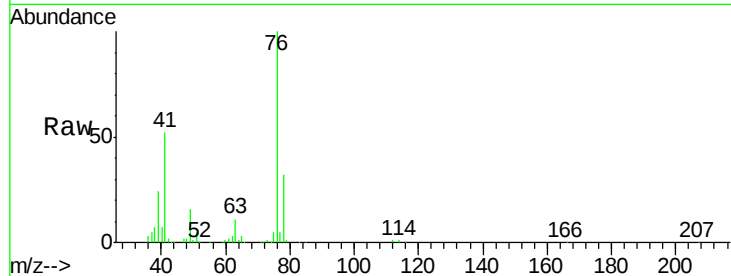
78 32.5 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 248.354 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062203.D

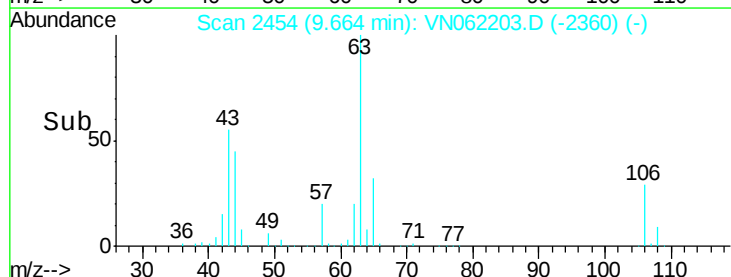
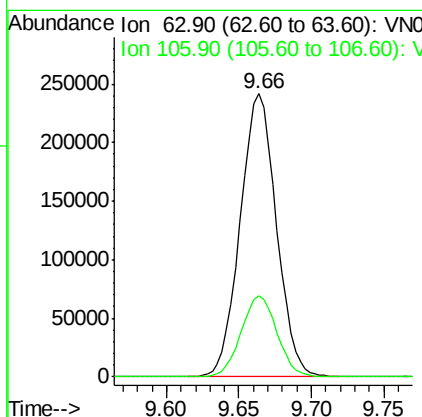
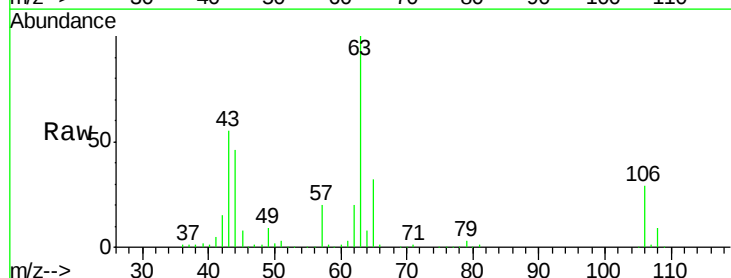
Acq: 29 Jun 2020 21:20

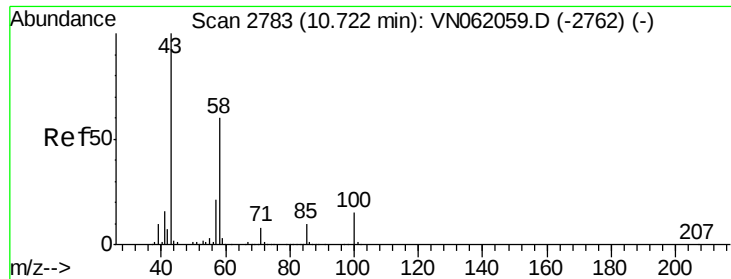
Tgt Ion: 63 Resp: 420674

Ion Ratio Lower Upper

63 100

106 28.4 23.2 34.8





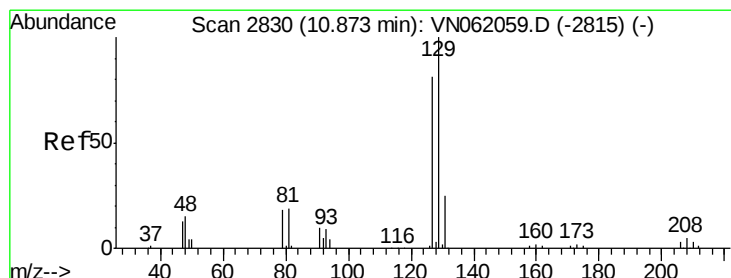
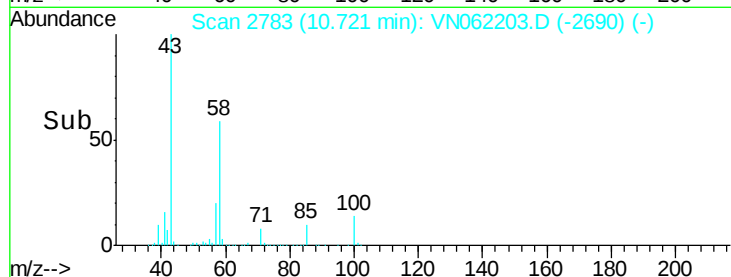
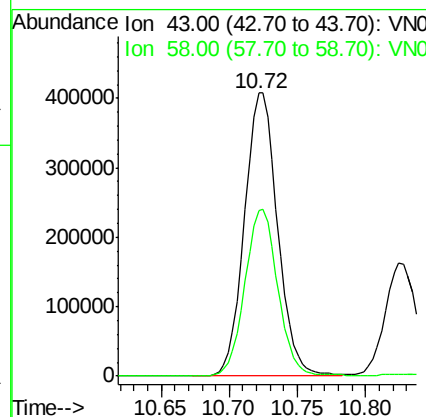
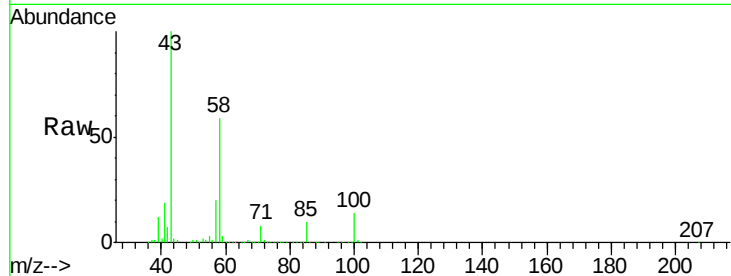
#59
2-Hexanone
Concen: 296.106 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	687985
Ion Ratio	100	Lower	Upper
43	100		
58	58.8	29.5	88.5

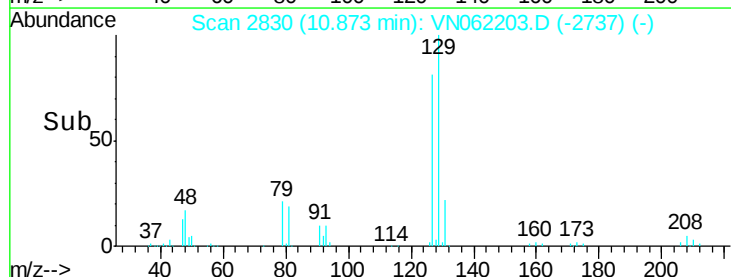
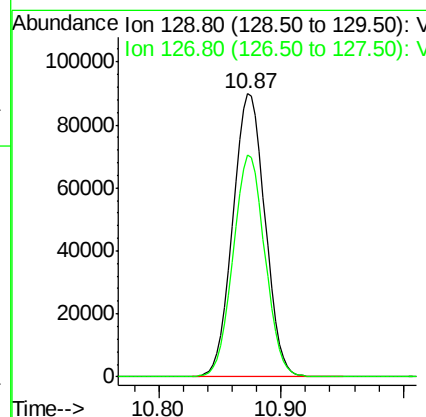
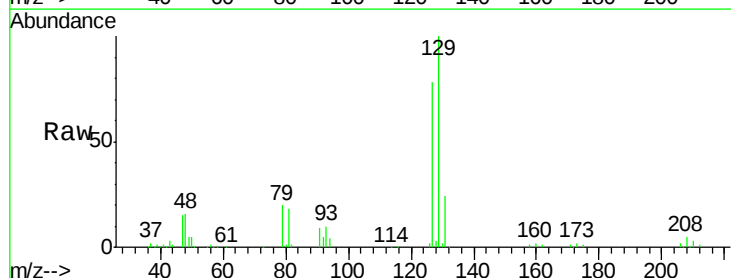
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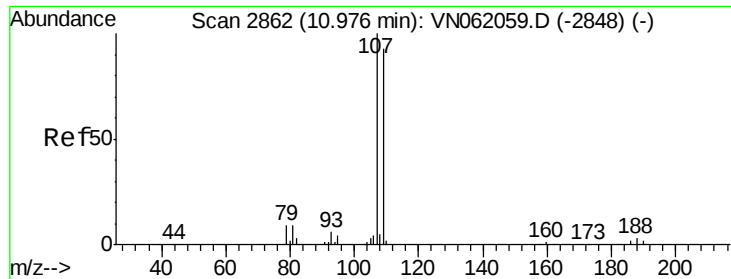
MMDadoda
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#60
Dibromochloromethane
Concen: 52.354 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	129	Resp	165316
Ion Ratio	100	Lower	Upper
129	100		
127	77.8	39.5	118.5





#61

1,2-Dibromoethane

Concen: 52.569 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 161101

Ion Ratio Lower Upper

107 100

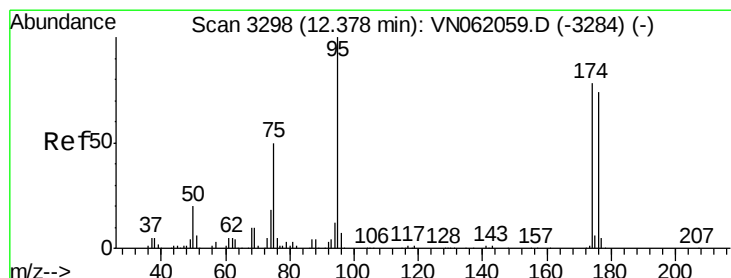
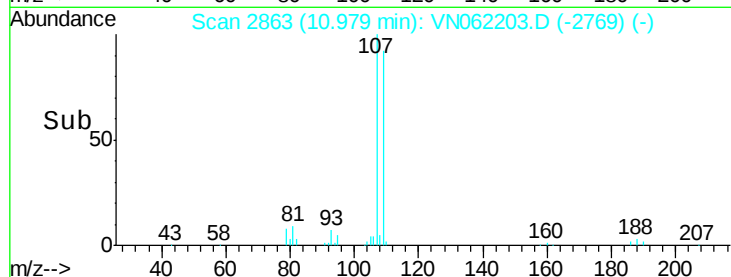
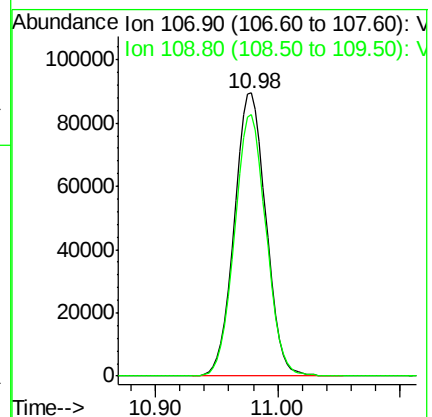
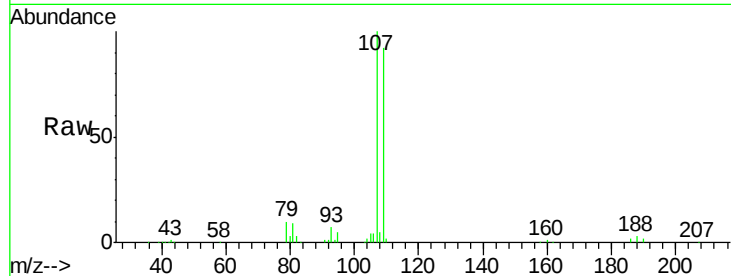
109 92.4 75.0 112.6

Manual Integrations

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6/30/2020 10:43:11 AM



#62

4-Bromofluorobenzene

Concen: 51.695 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

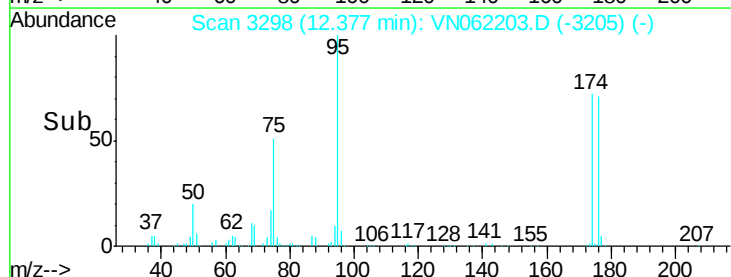
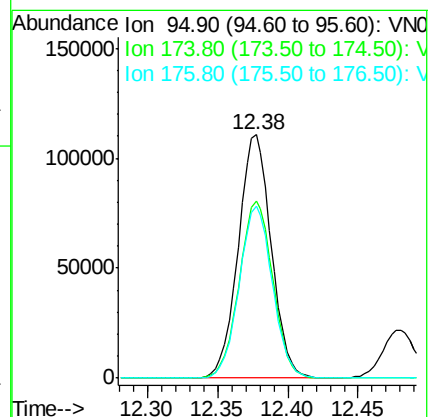
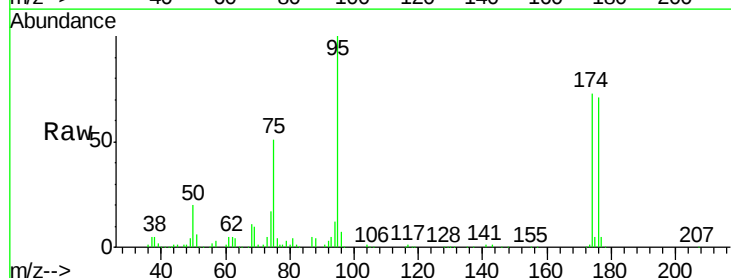
Tgt Ion: 95 Resp: 181800

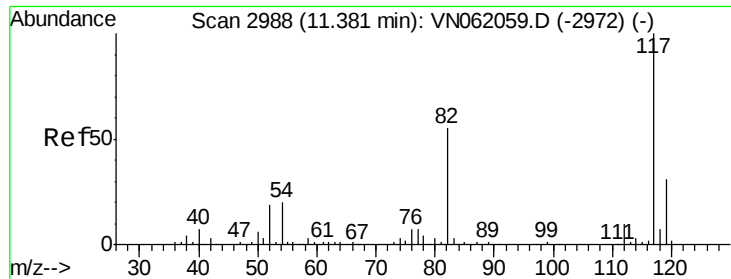
Ion Ratio Lower Upper

95 100

174 74.1 0.0 154.8

176 71.2 0.0 147.4





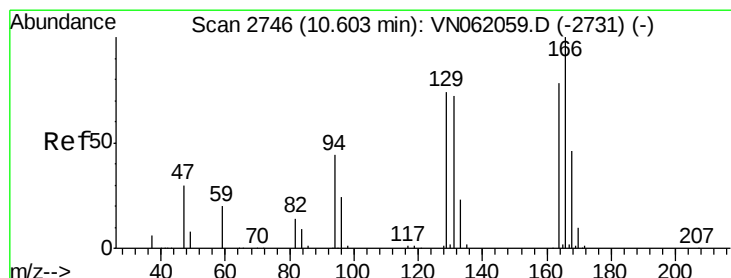
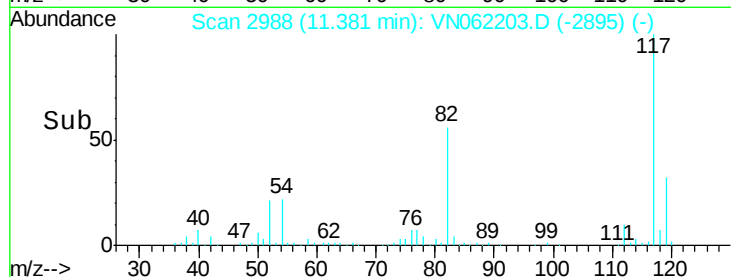
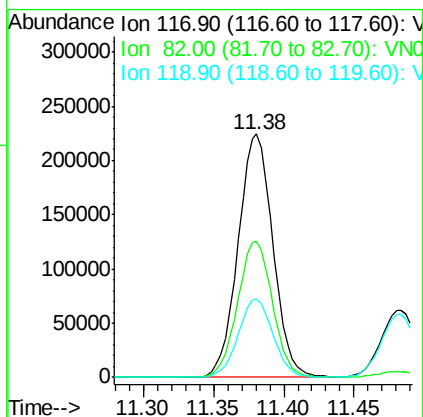
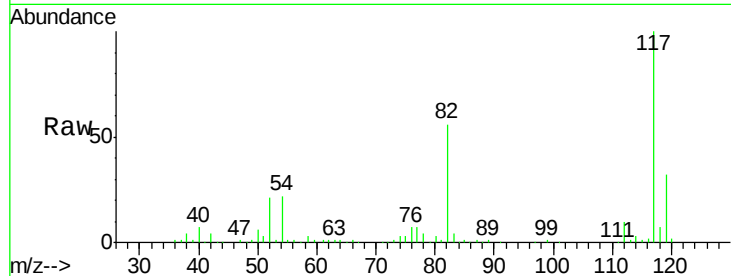
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.8	65.8
119	32.2	25.2	37.8

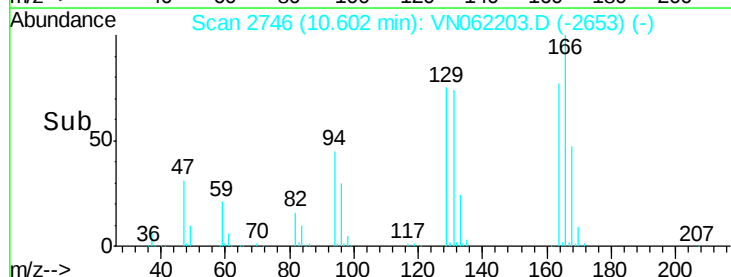
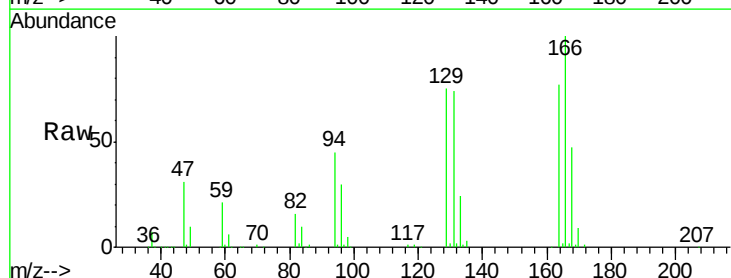
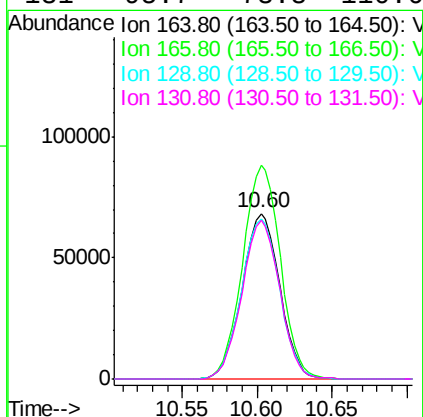
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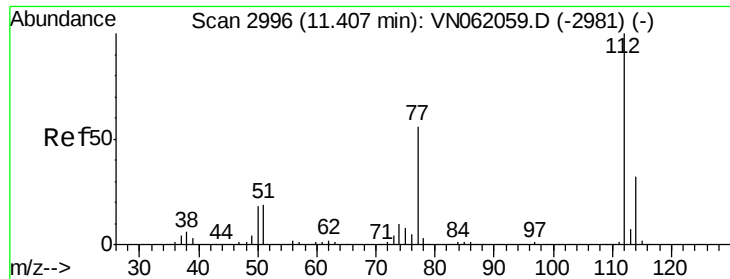
MMDadoda
6/30/2020 10:43:11 AM



#64
Tetrachloroethene
Concen: 45.412 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.9	154.3
129	96.8	75.8	113.8
131	95.7	73.8	110.6





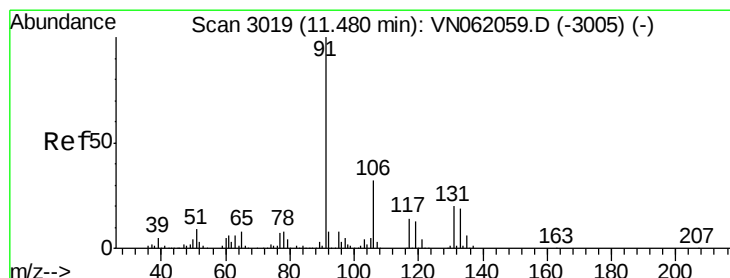
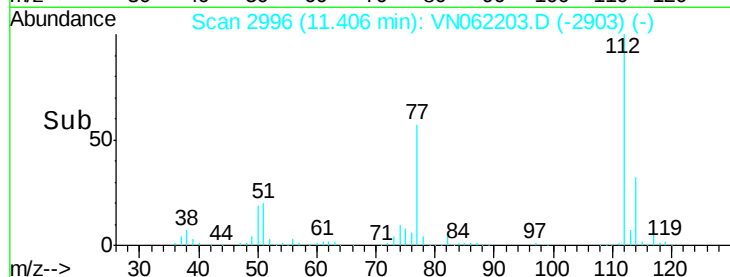
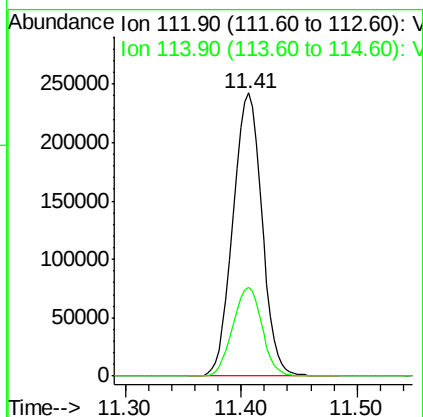
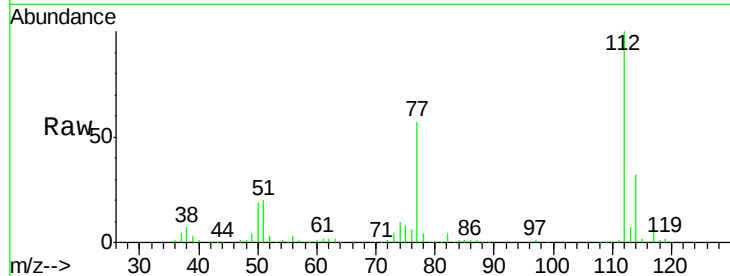
#65
Chlorobenzene
Concen: 49.053 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 417828
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

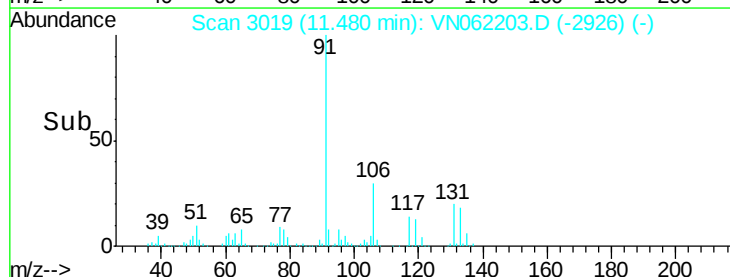
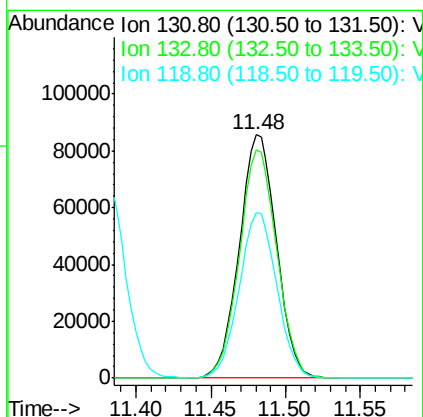
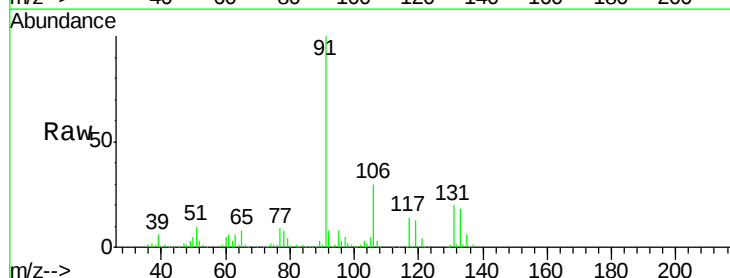
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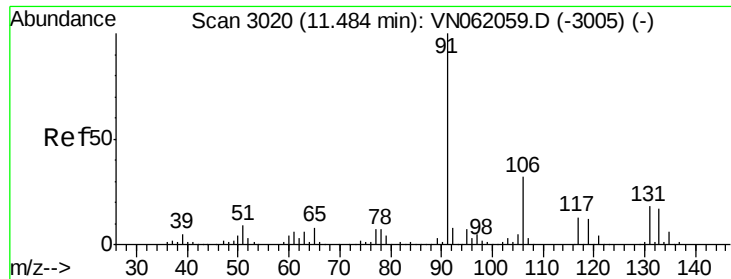
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.263 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion:131 Resp: 148046
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 69.0 34.4 103.3





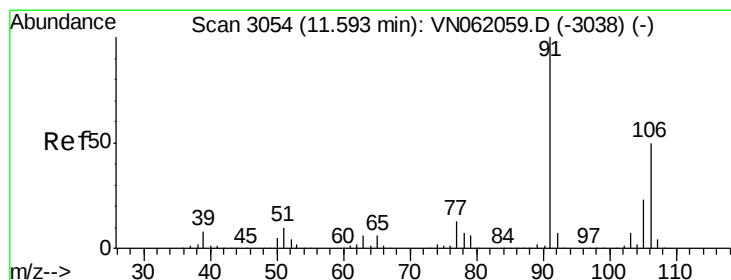
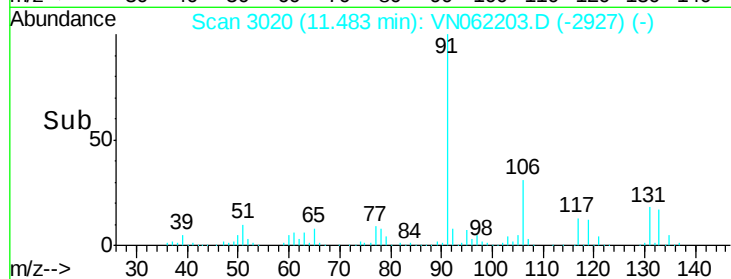
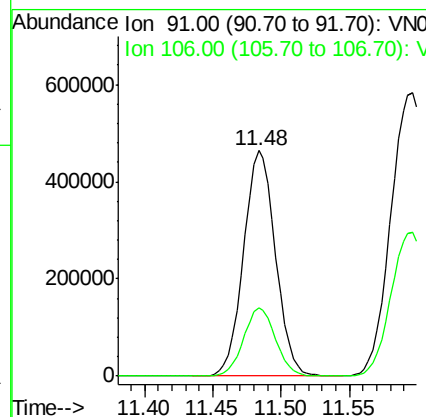
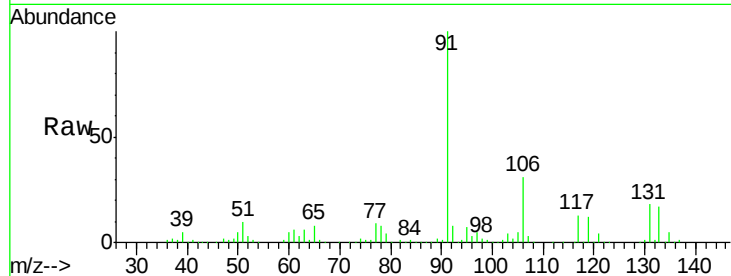
#67
Ethyl Benzene
Concen: 52.394 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 753719
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9

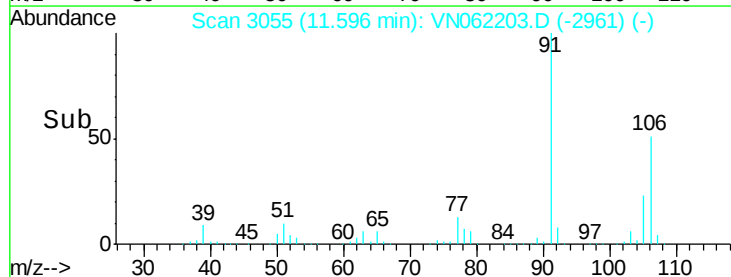
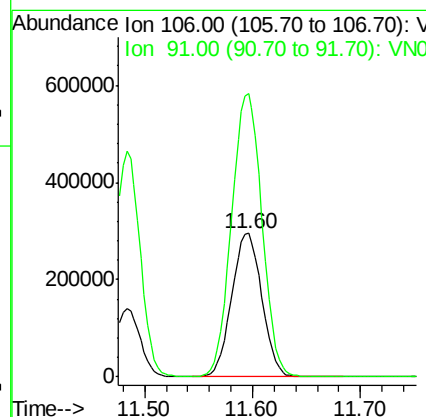
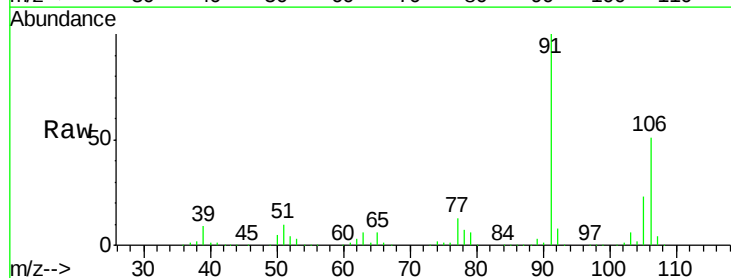
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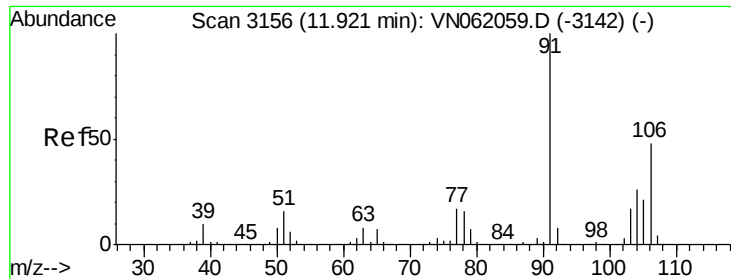
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#68
m/p-Xylenes
Concen: 103.362 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 106 Resp: 575123
Ion Ratio Lower Upper
106 100
91 198.7 157.8 236.8





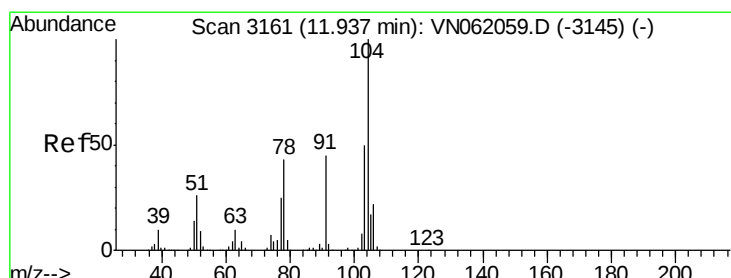
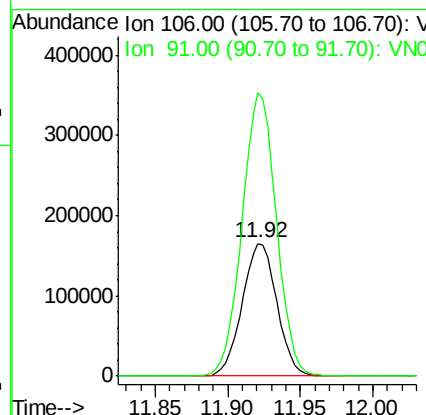
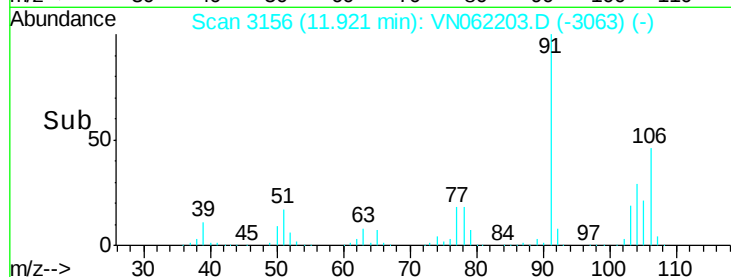
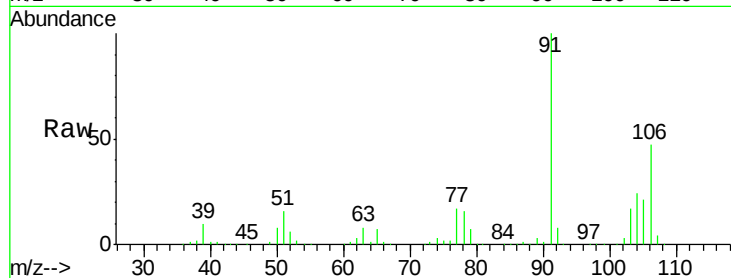
#69
o-Xylene
Concen: 52.326 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 274704
Ion Ratio Lower Upper
106 100
91 211.3 104.0 311.9

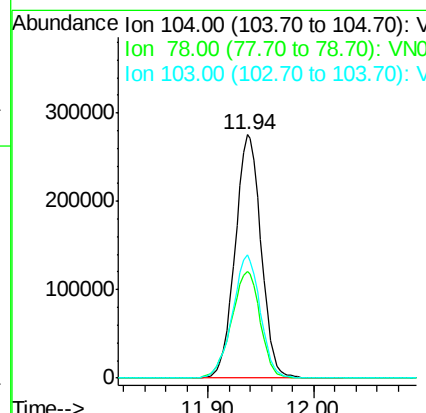
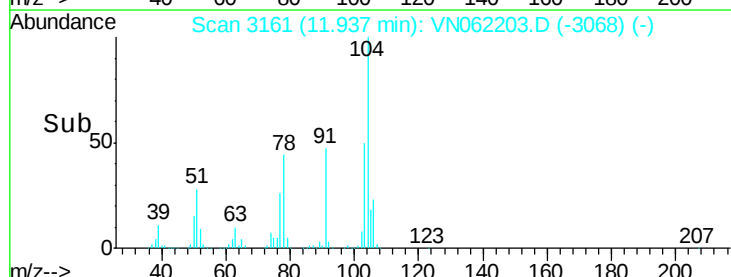
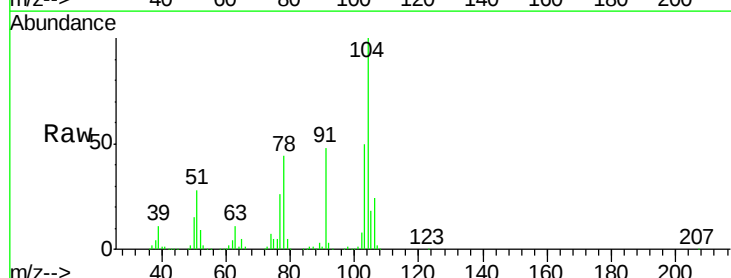
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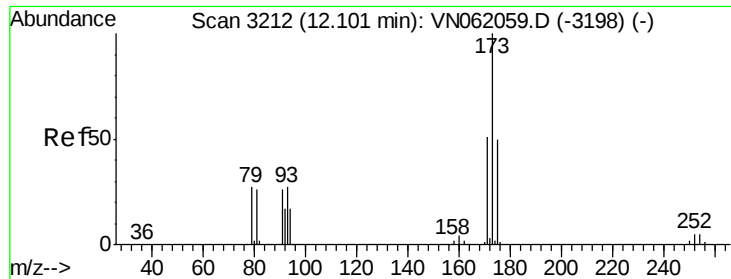
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#70
Styrene
Concen: 53.506 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion:104 Resp: 468464
Ion Ratio Lower Upper
104 100
78 48.6 37.7 56.5
103 54.3 43.0 64.6





#71

Bromoform

Concen: 50.895 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

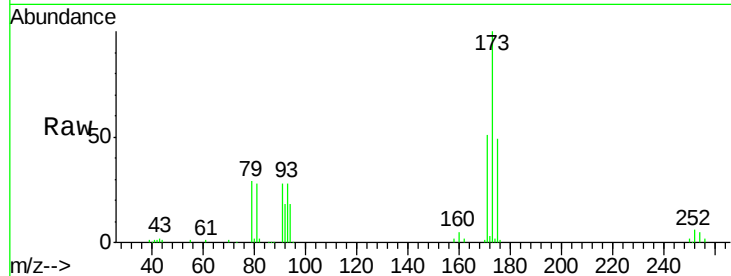
ClientSampleId :

VSTDCCC050EC

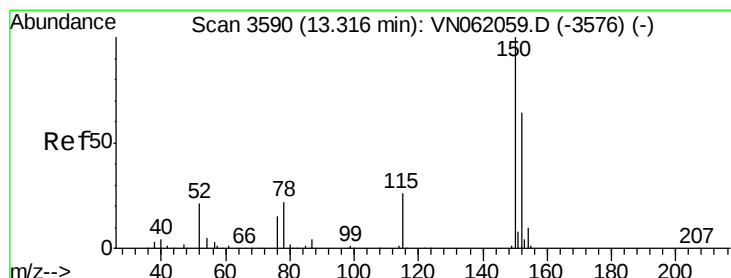
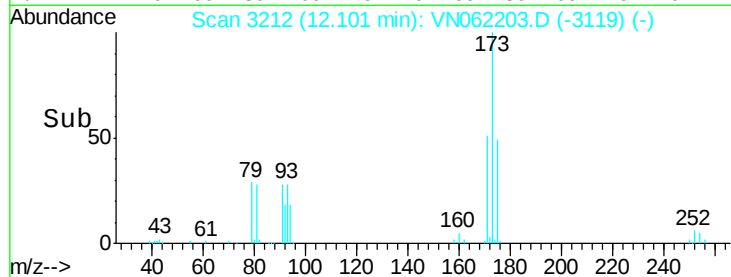
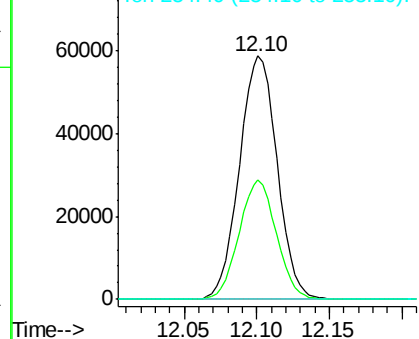
Tot Ion:	173	Resp:	106583
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.7	74.1
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

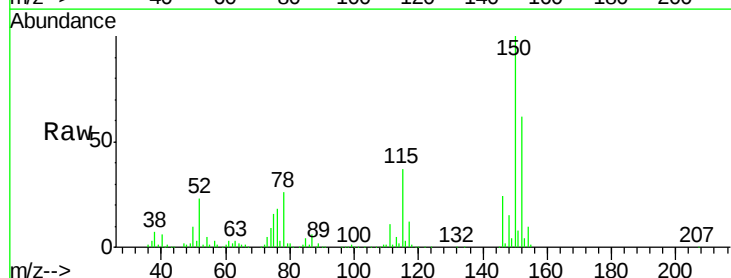
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

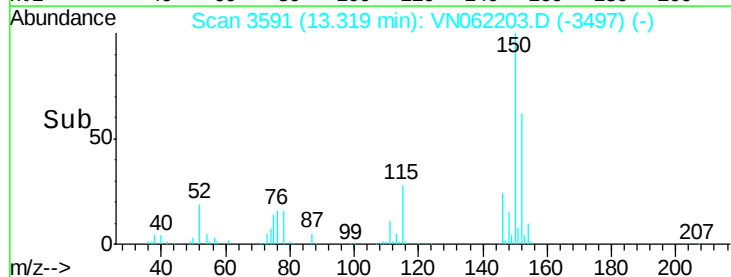
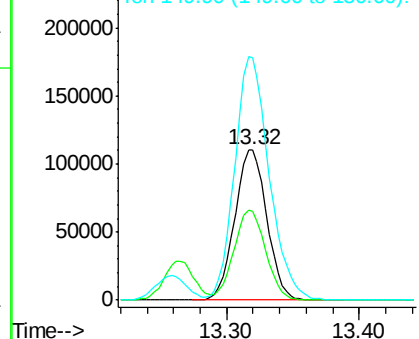
Lab File: VN062203.D

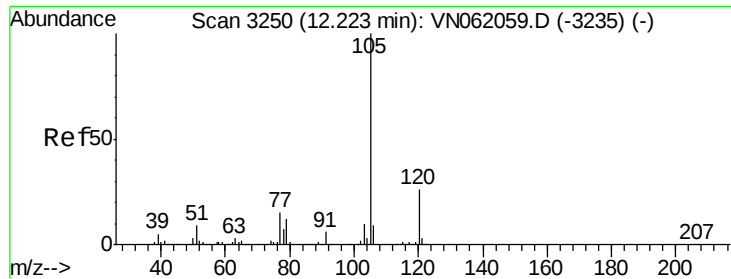
Acq: 29 Jun 2020 21:20

Tgt Ion:	152	Resp:	184948
Ion Ratio	Lower	Upper	
152	100		
115	59.8	29.5	88.5
150	173.4	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: 51.167 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 732529

Ion Ratio Lower Upper

105 100

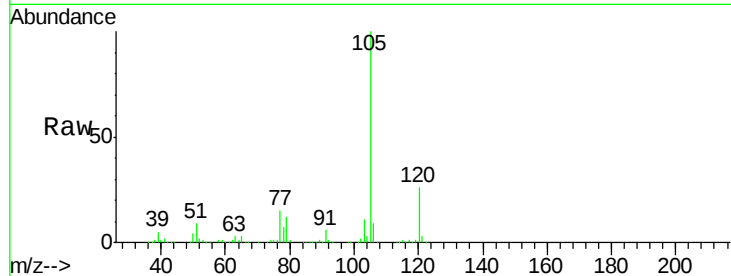
120 25.8 13.2 39.6

Manual Integrations

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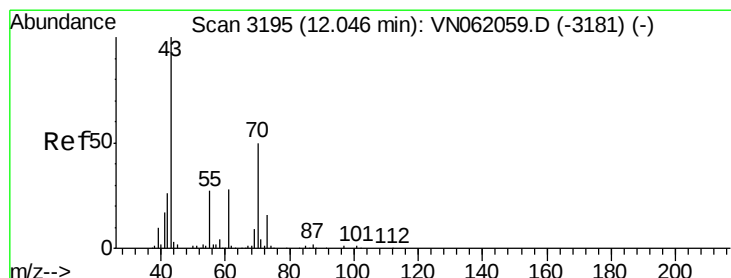
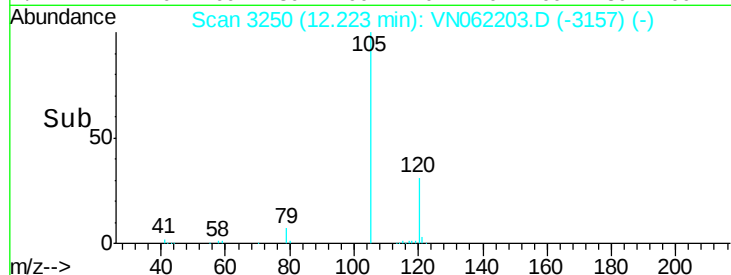
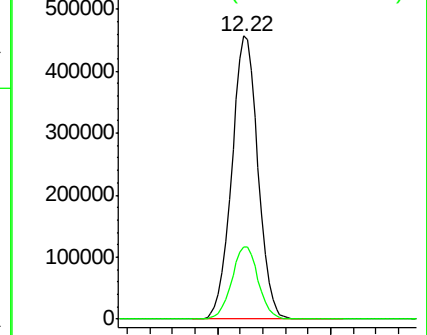
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.331 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion: 43 Resp: 271021

Ion Ratio Lower Upper

43 100

70 48.1 39.4 59.2

55 27.2 21.7 32.5

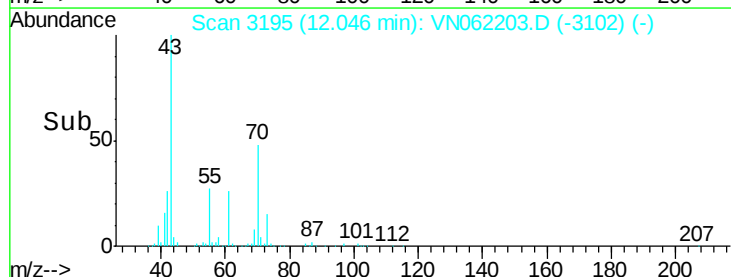
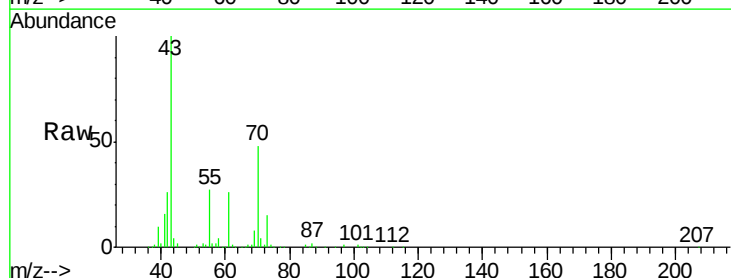
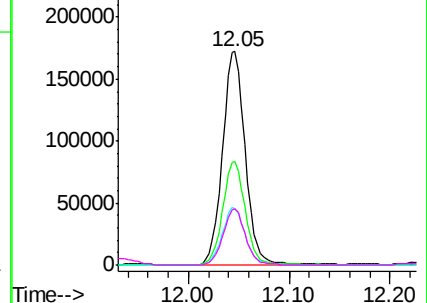
61 25.8 21.3 31.9

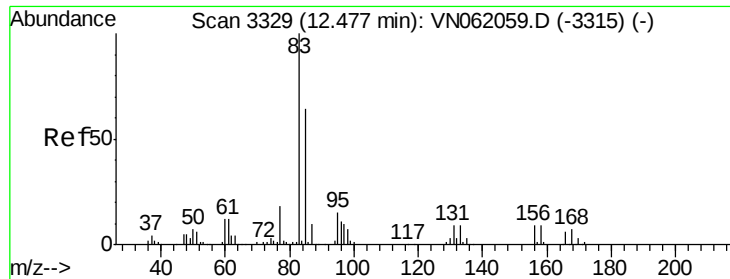
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.605 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

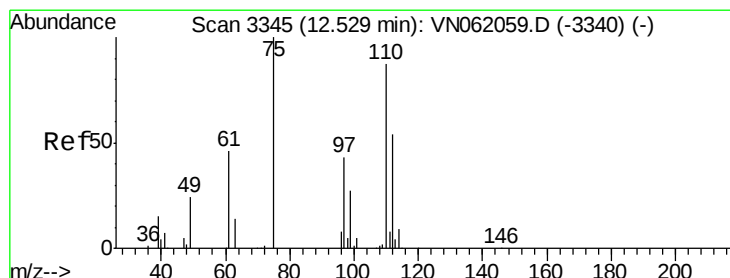
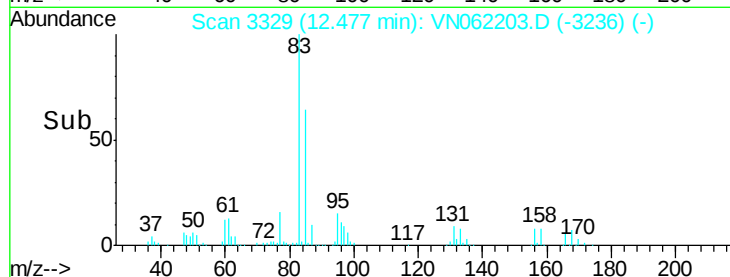
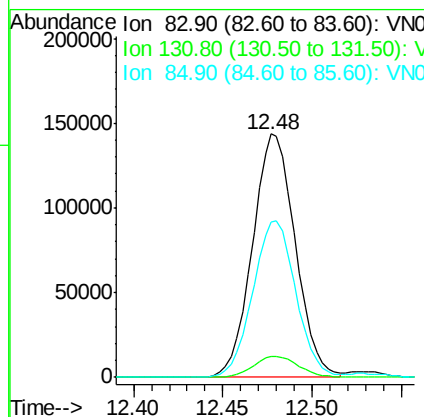
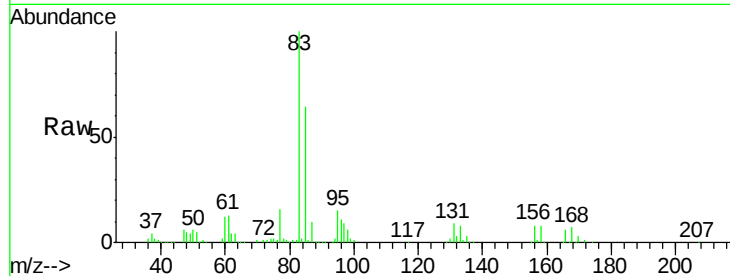
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	241091
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.8	14.4
85	64.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 46.920 ug/l m

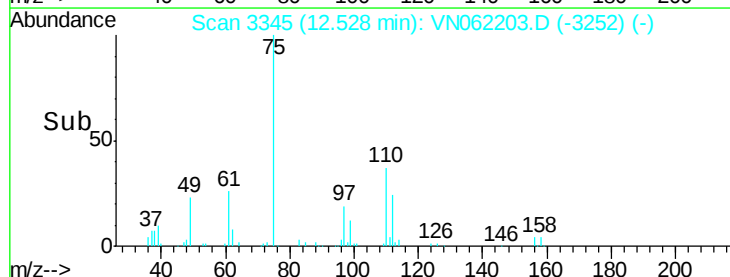
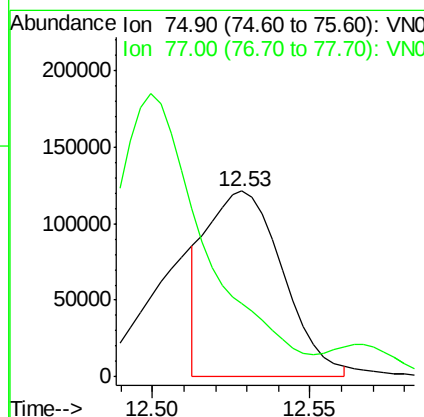
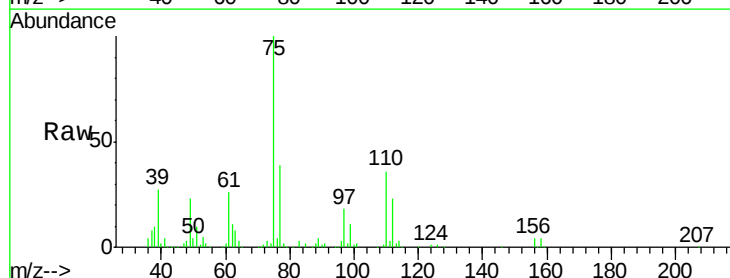
RT: 12.53 min Scan# 3345

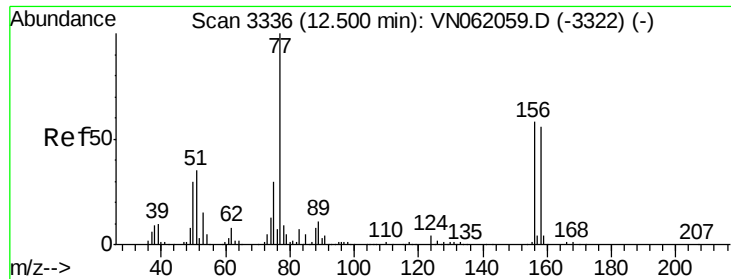
Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:	75	Resp:	204283
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





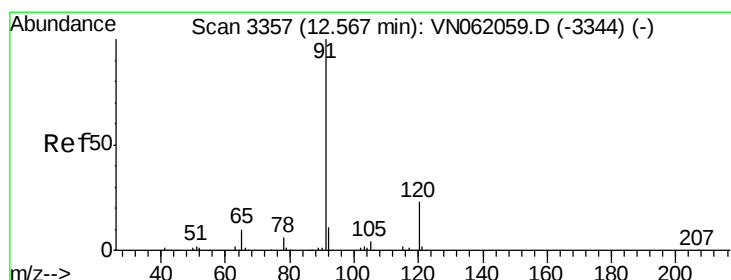
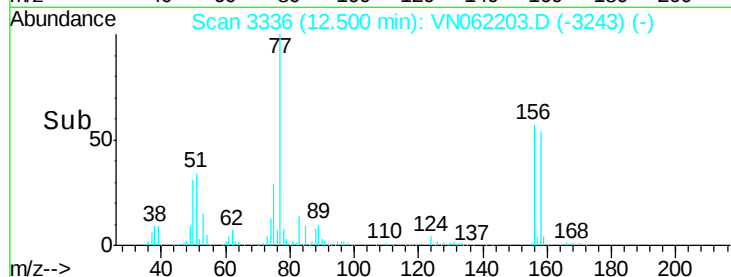
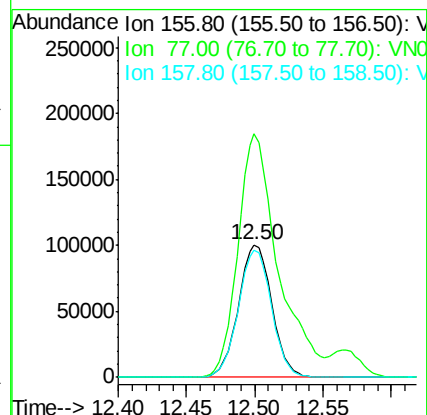
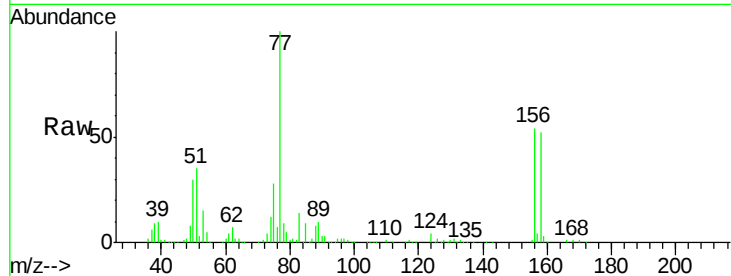
#77
Bromobenzene
Concen: 47.926 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	222.0	104.6	313.8
158	96.0	48.0	144.0

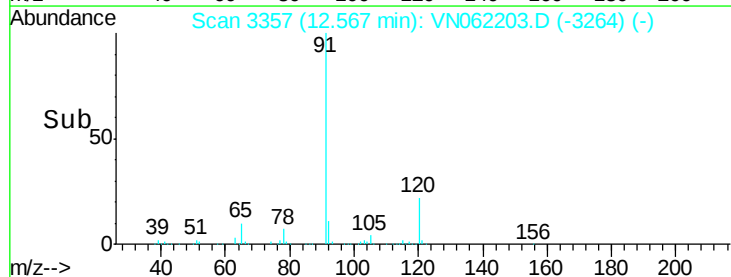
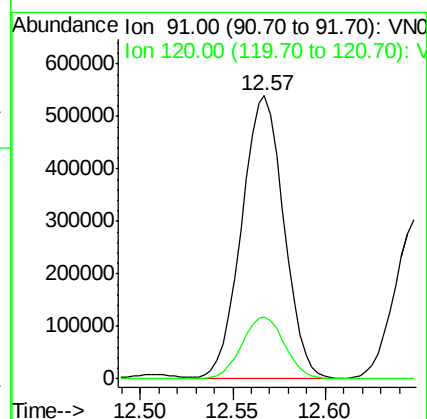
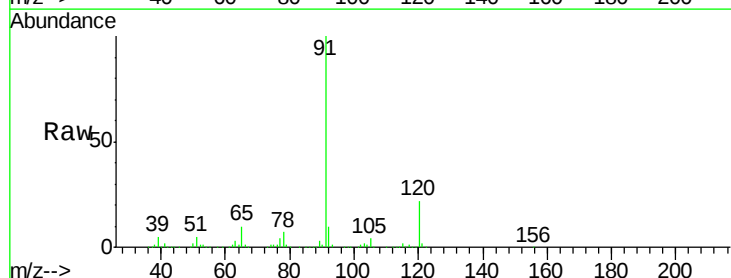
Manual Integrations
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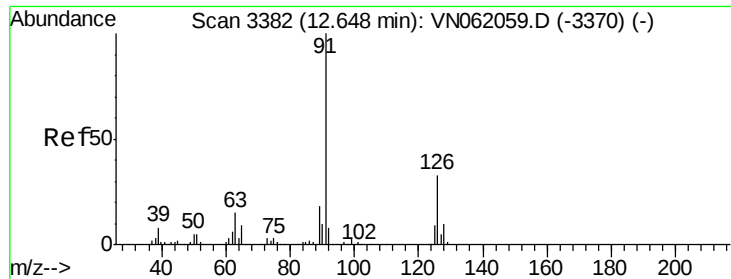
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#78
n-propylbenzene
Concen: 51.727 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1





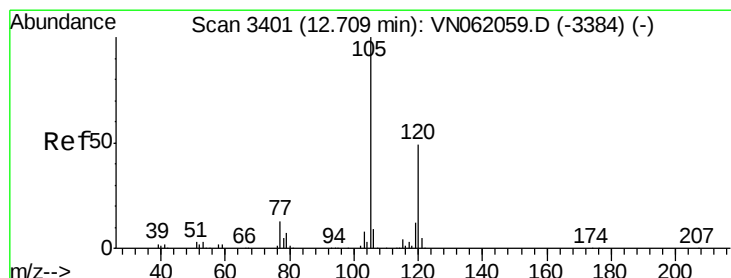
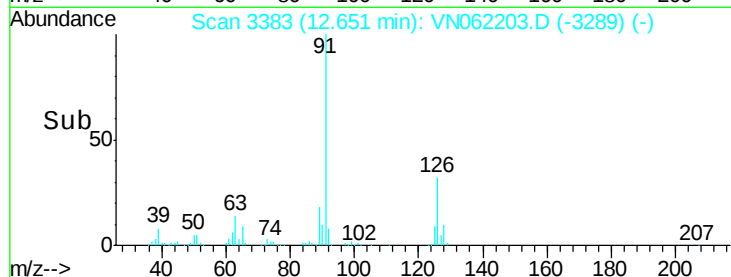
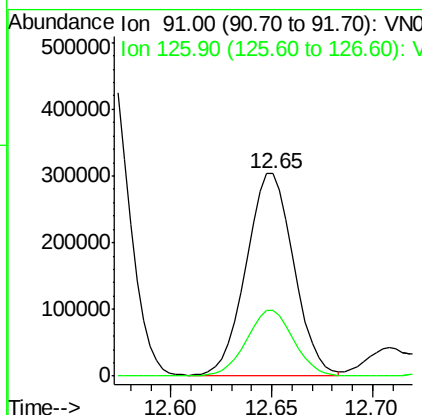
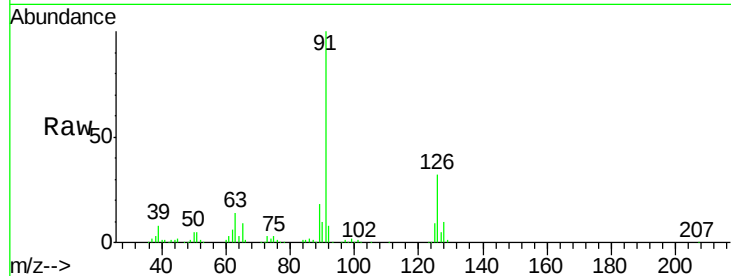
#79
2-Chlorotoluene
Concen: 50.377 ug/l
RT: 12.65 min Scan# 3383
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 498733
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7

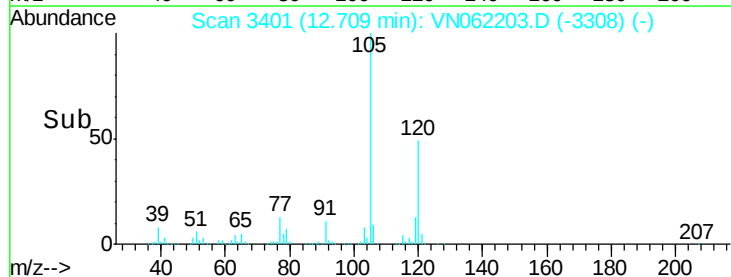
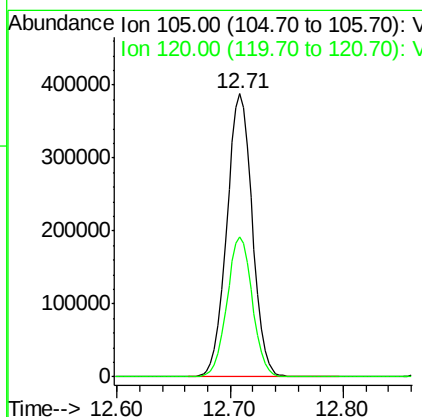
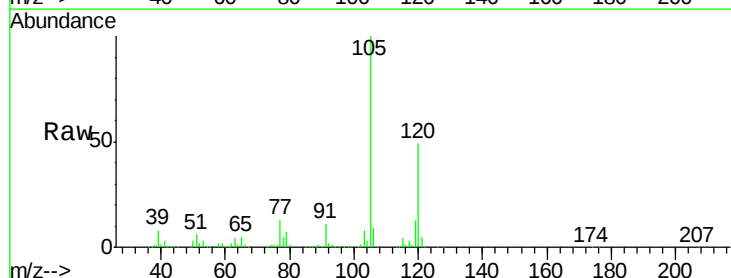
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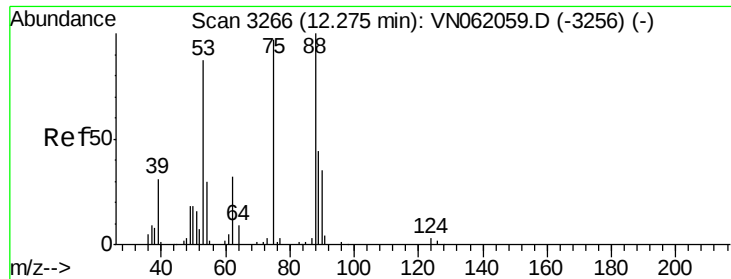
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#80
1,3,5-Trimethylbenzene
Concen: 52.179 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 105 Resp: 605573
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.286 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

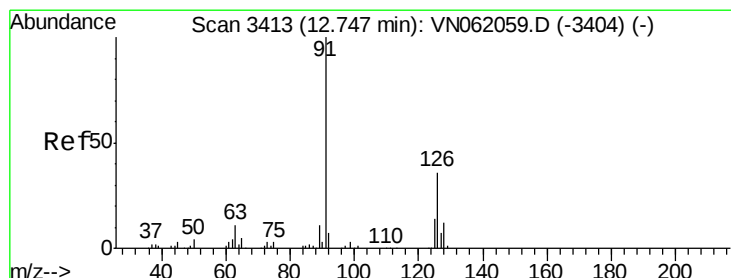
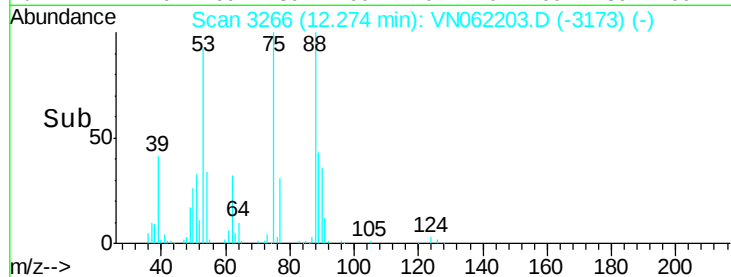
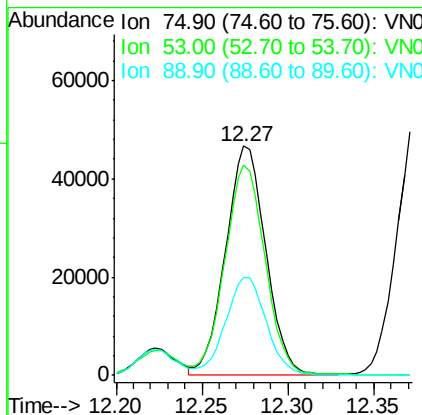
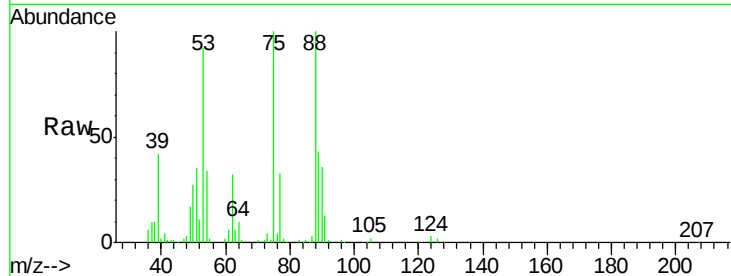
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	76460
Ion	Ratio	Lower	Upper
75	100		
53	92.3	72.0	108.0
89	43.1	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.655 ug/l

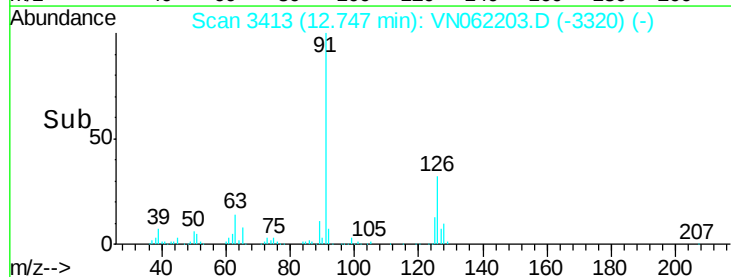
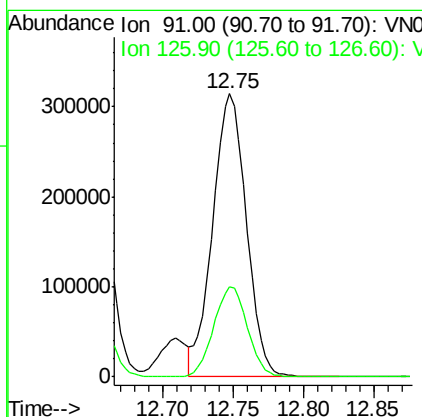
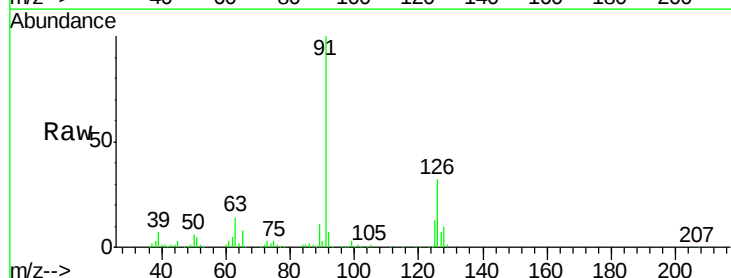
RT: 12.75 min Scan# 3413

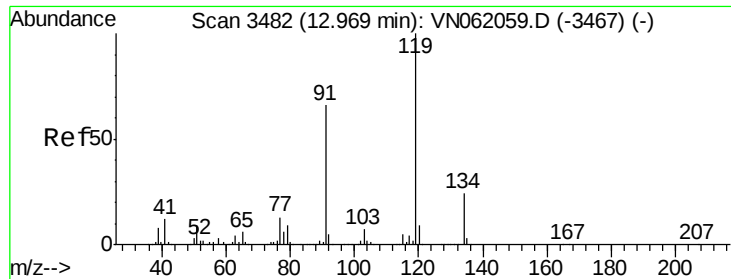
Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:	91	Resp:	518582
Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.7	50.1





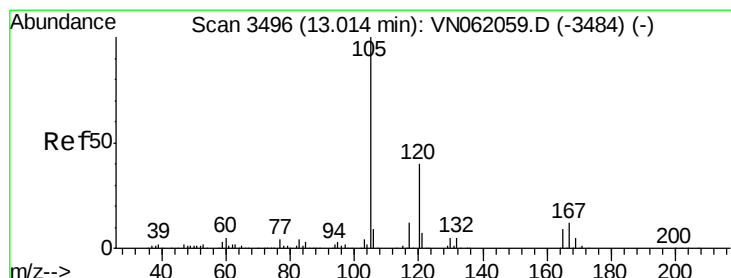
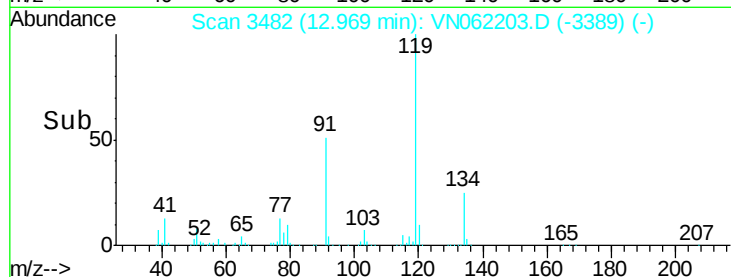
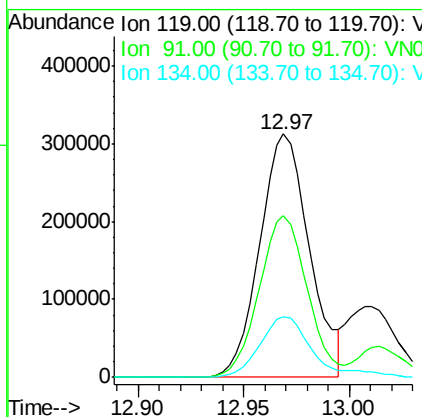
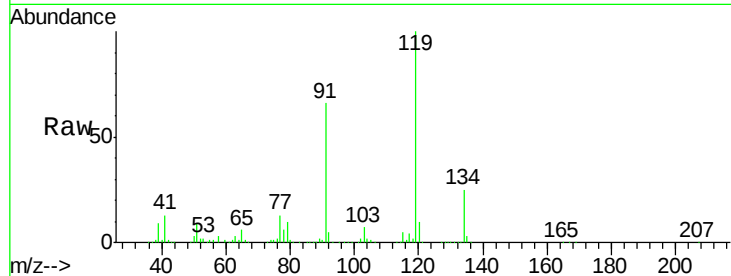
#83
tert-Butylbenzene
Concen: 51.537 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	511872		
91	64.4	31.7	95.1	
134	26.5	13.1	39.1	

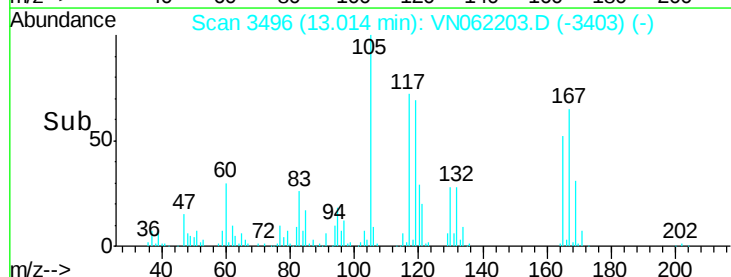
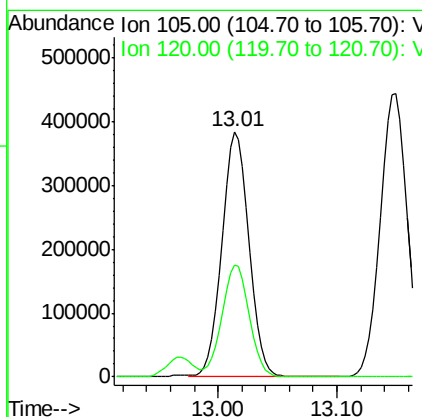
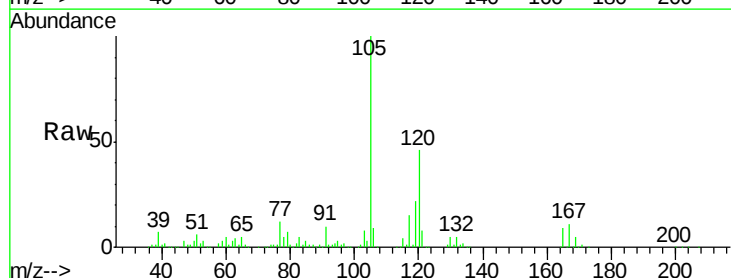
Manual Integrations
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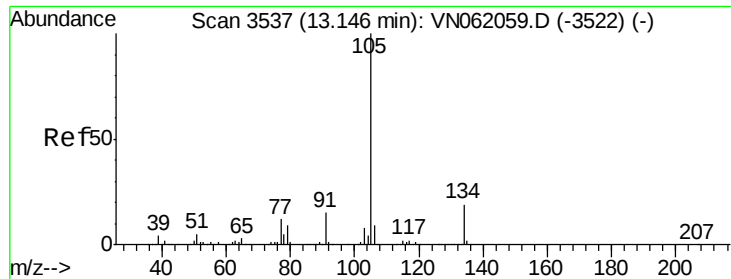
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#84
1,2,4-Trimethylbenzene
Concen: 51.915 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	601753		
120	46.2	23.2	69.5	





#85

sec-Butylbenzene

Concen: 53.622 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 703745

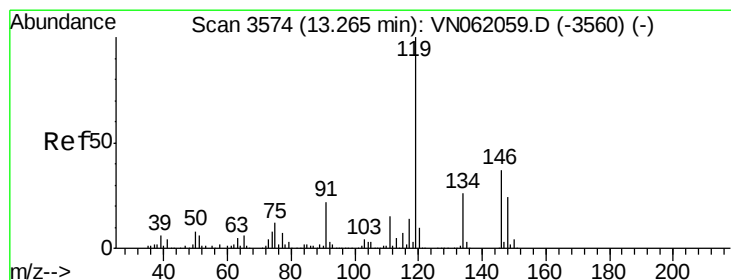
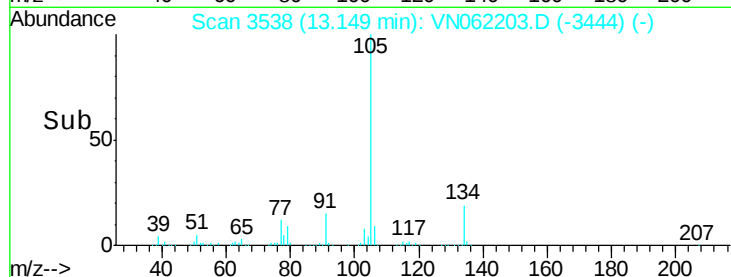
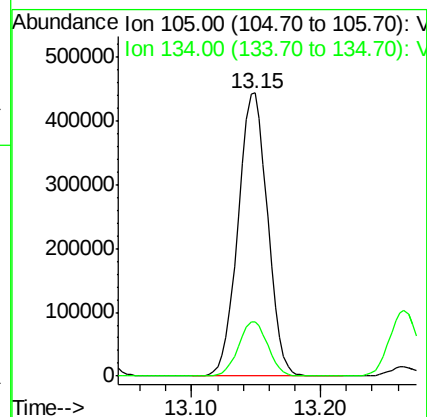
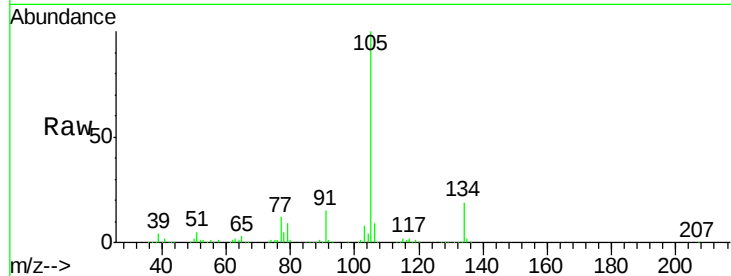
Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 53.495 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

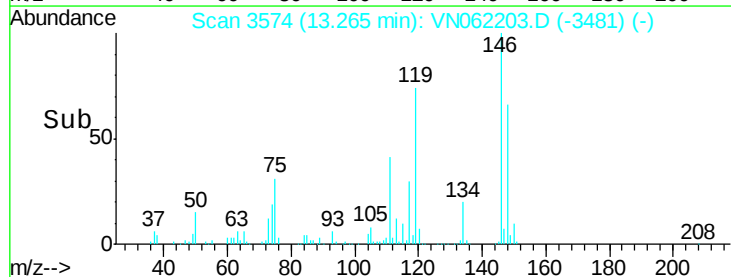
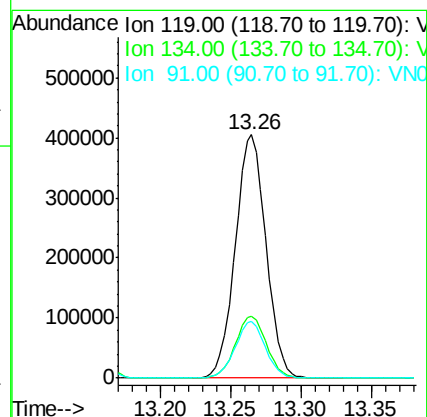
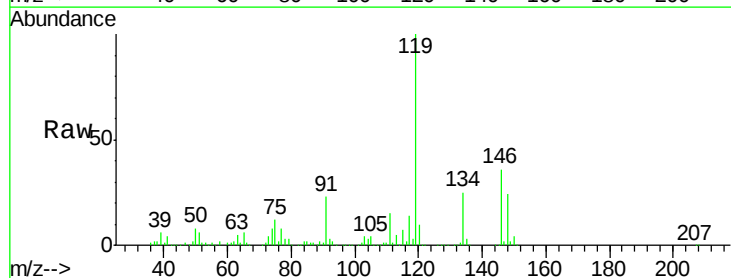
Tgt Ion:119 Resp: 615108

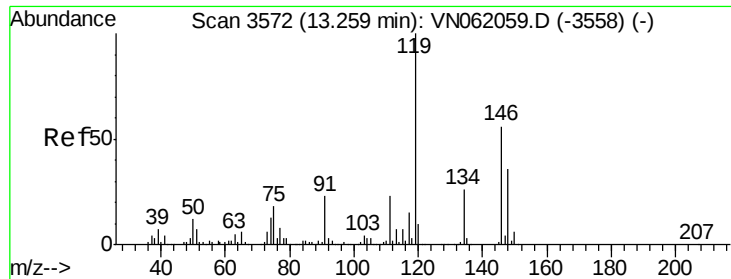
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 22.9 11.3 33.8





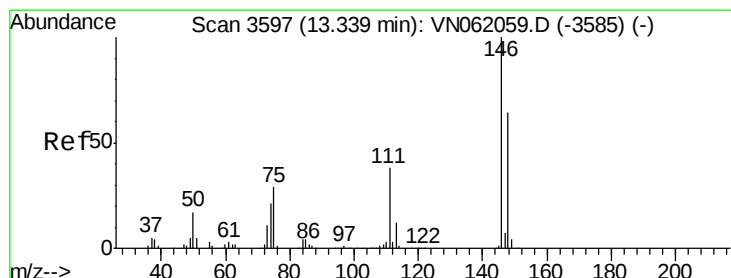
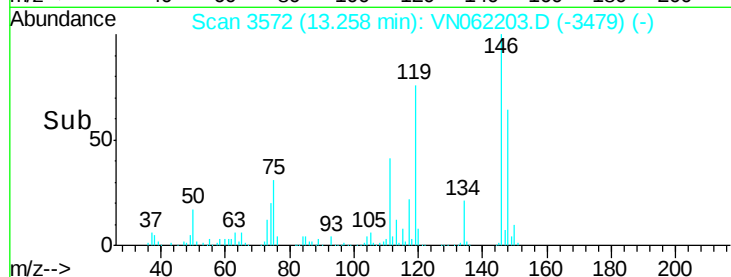
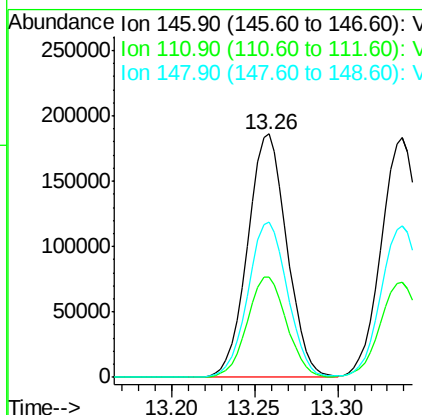
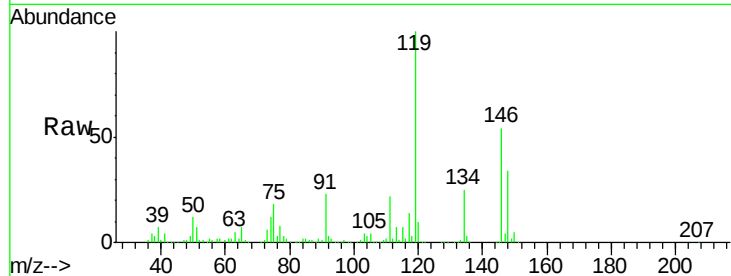
#87
 1,3-Dichlorobenzene
 Concen: 49.070 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	64.3	31.8	95.3

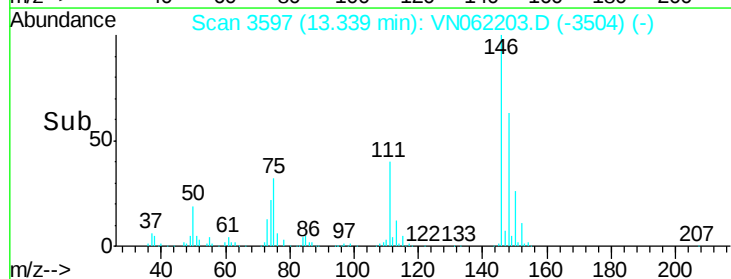
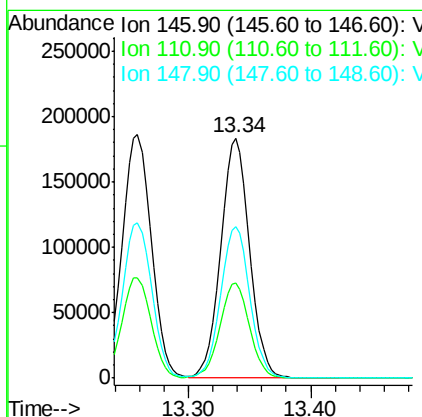
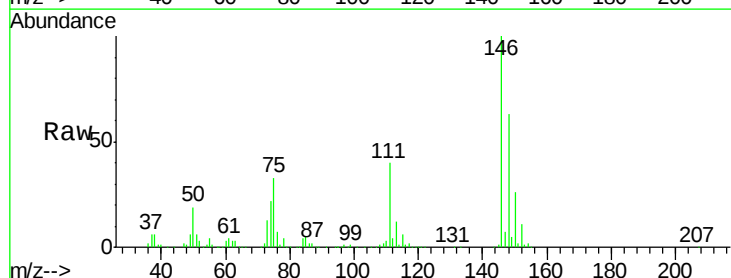
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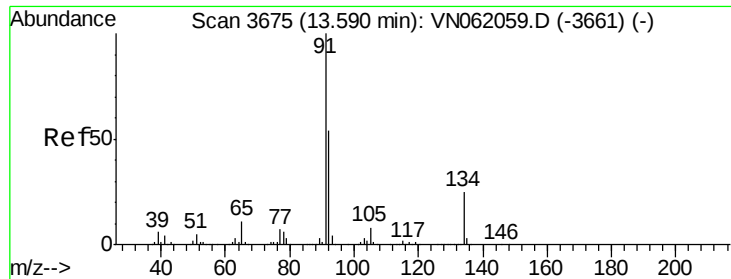
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#88
 1,4-Dichlorobenzene
 Concen: 47.222 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.6
148	63.8	31.9	95.9





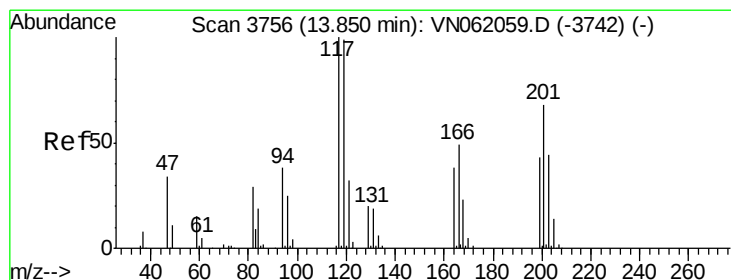
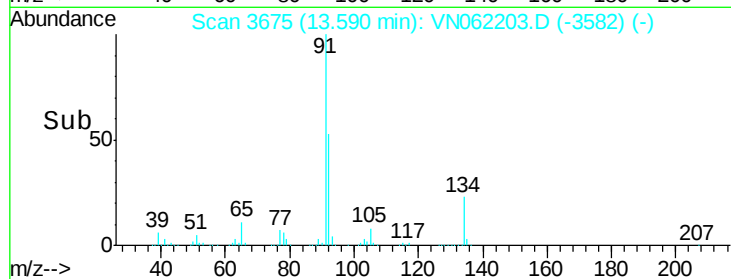
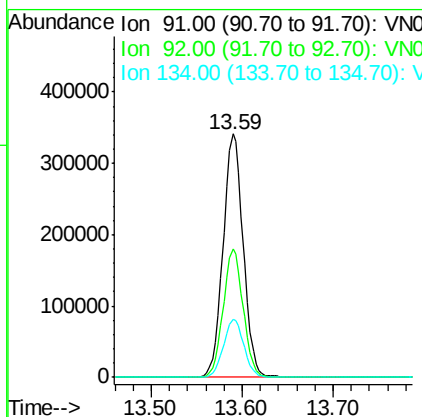
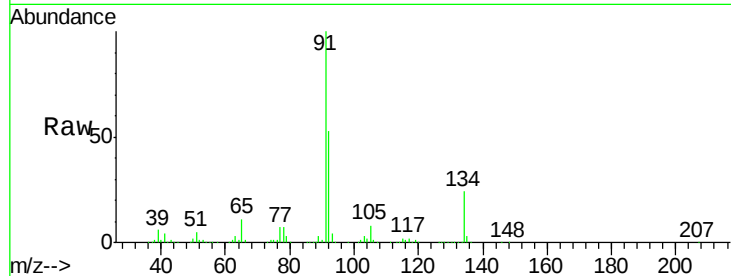
#89
n-Butylbenzene
Concen: 54.965 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	24.2	12.3	36.9

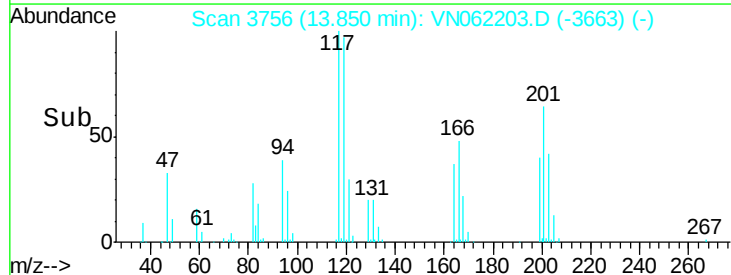
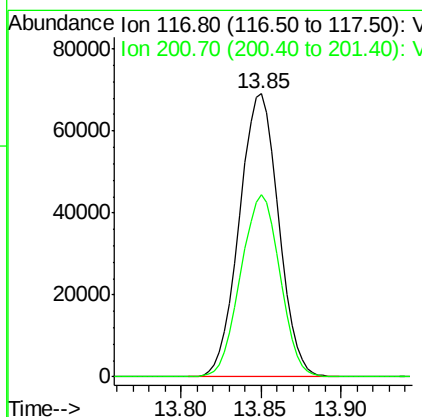
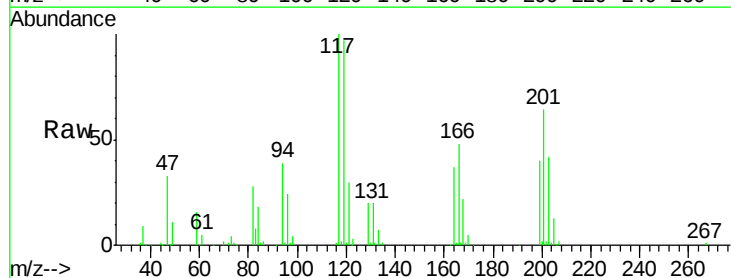
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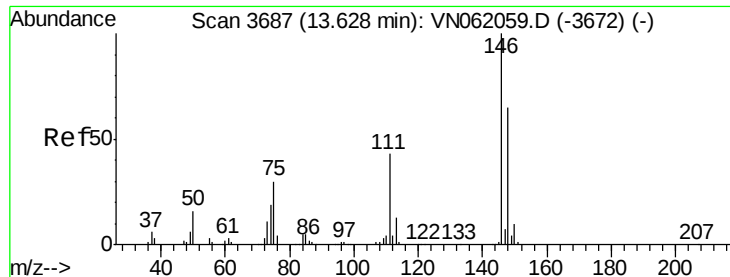
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#90
Hexachloroethane
Concen: 51.390 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.4	32.7	98.1





#91

1,2-Dichlorobenzene

Concen: 49.729 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

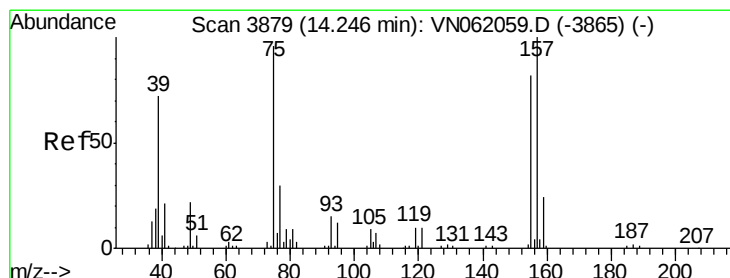
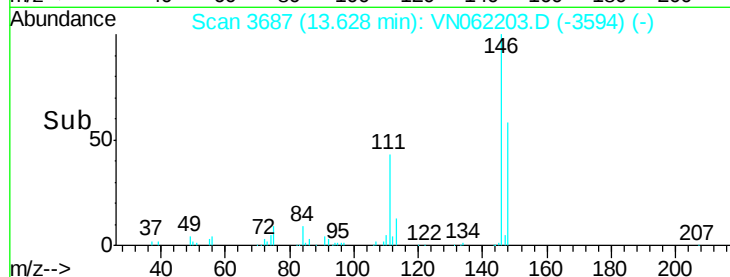
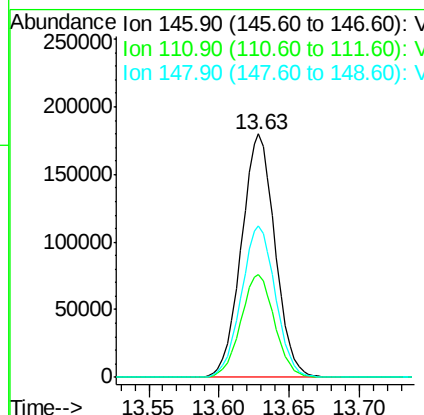
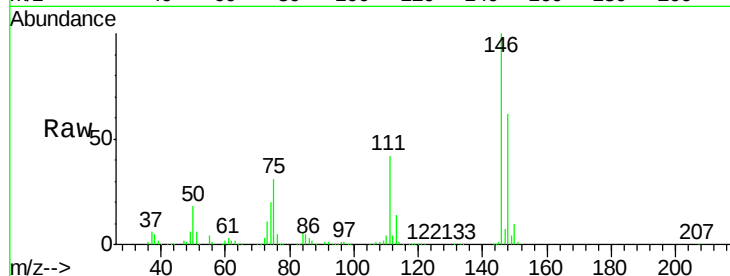
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	300975
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.2	63.6
148	63.2	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.908 ug/l

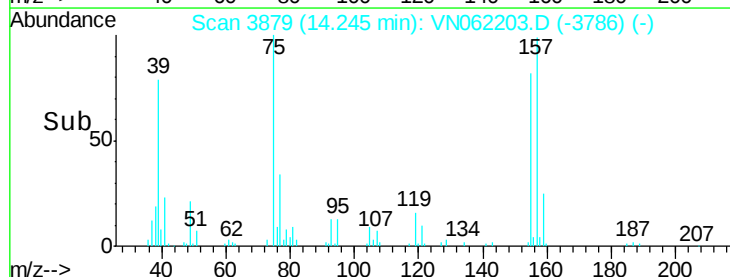
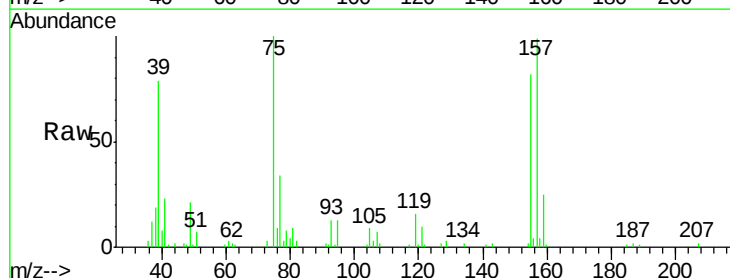
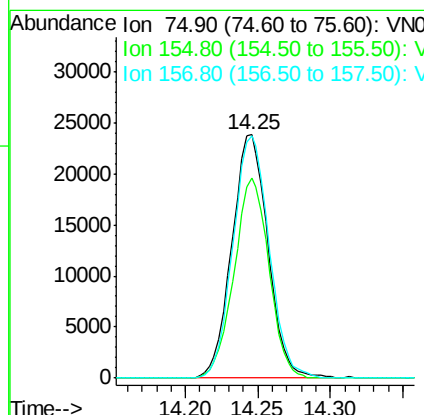
RT: 14.25 min Scan# 3879

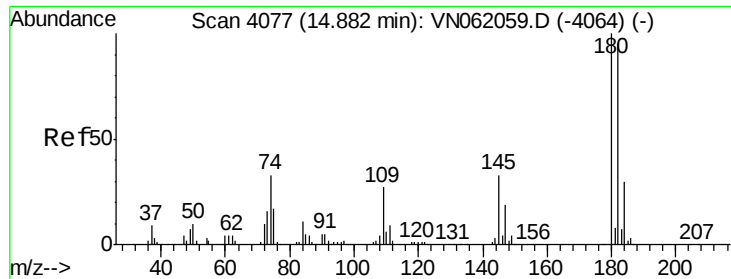
Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:	75	Resp:	41142
Ion Ratio	Lower	Upper	
75	100		
155	79.2	40.8	122.4
157	99.4	51.4	154.3





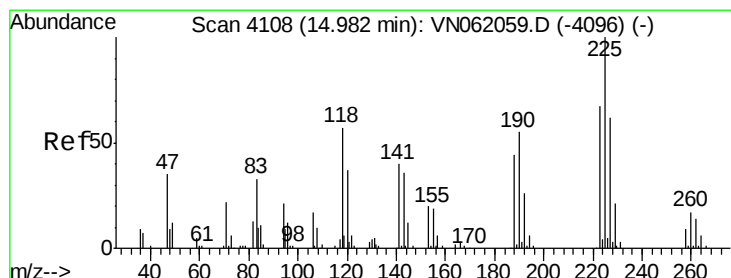
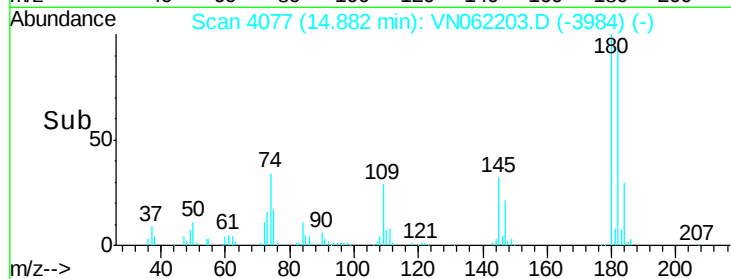
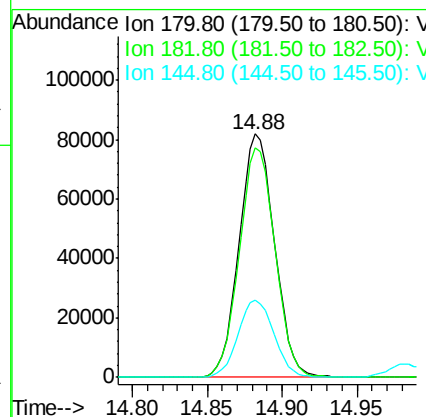
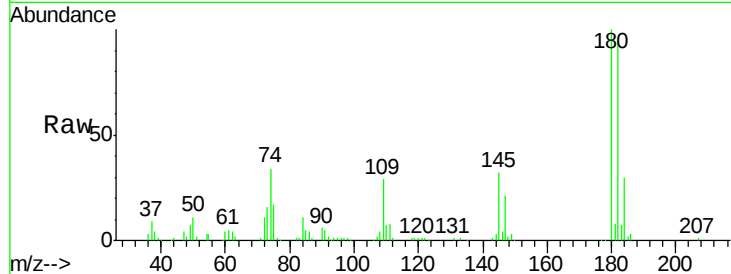
#93
 1,2,4-Trichlorobenzene
 Concen: 51.121 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	135162		
182	95.0	48.0	144.2	
145	32.2	16.0	48.0	

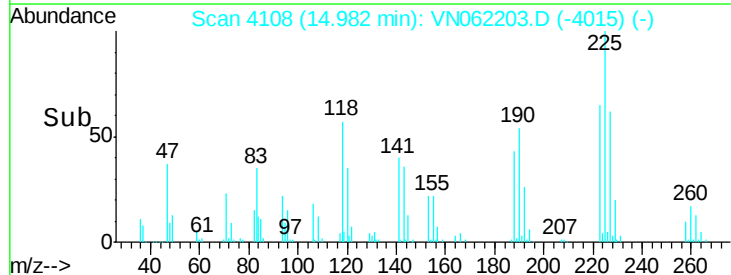
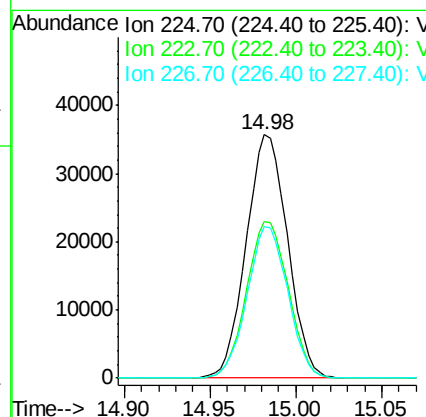
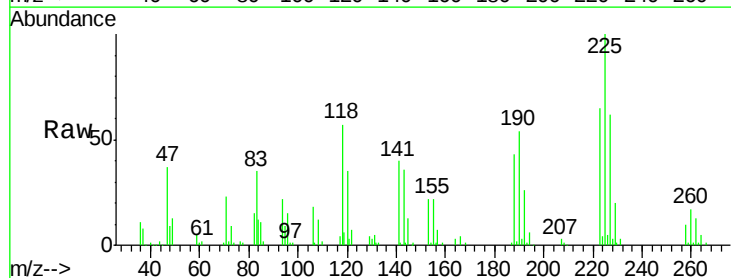
Manual Integrations
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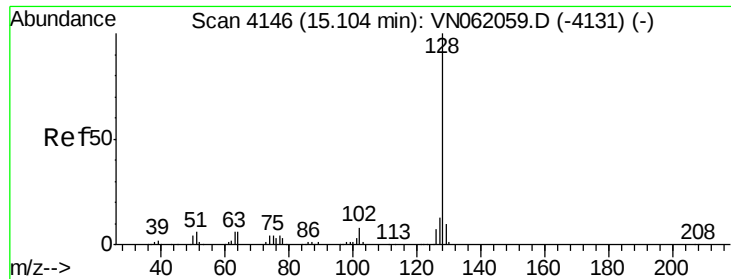
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#94
 Hexachlorobutadiene
 Concen: 51.918 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59620		
223	64.8	32.9	98.7	
227	61.0	31.3	93.8	





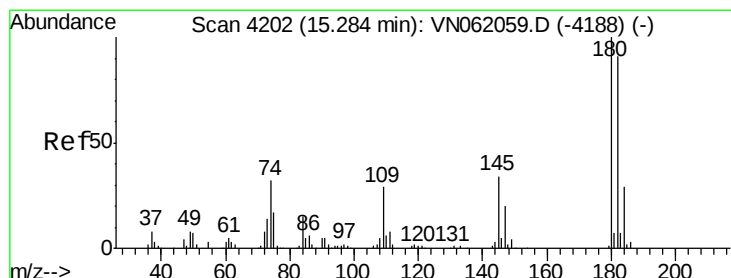
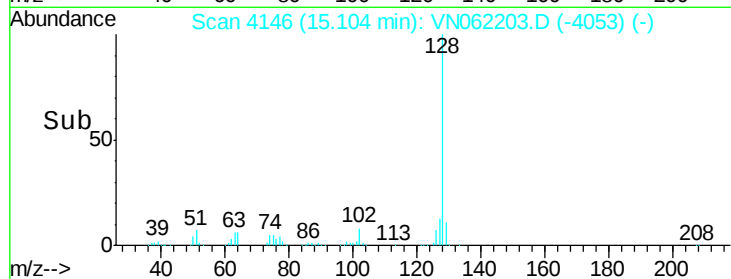
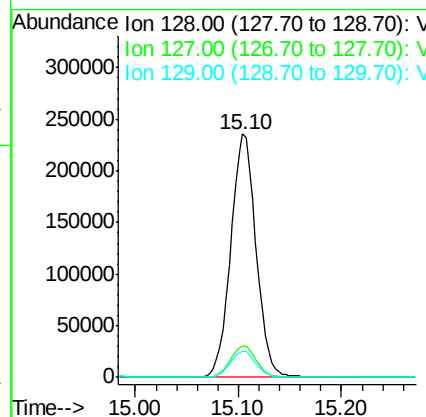
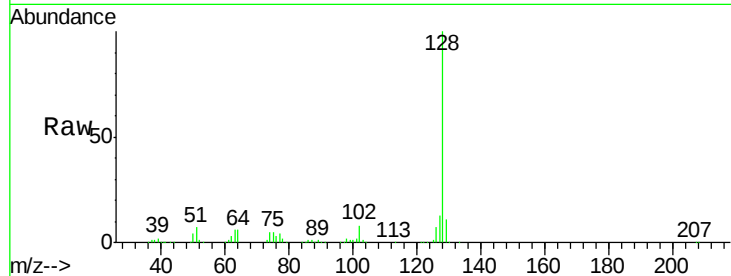
#95
Naphthalene
Concen: 46.123 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.363 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

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

