

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062013.D
 Acq On : 22 Jun 2020 20:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:37 PM

Quant Time: Jun 23 06:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	273107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	113538	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.55	113	93755	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.06	98	364001	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.37	95	127275	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	105025	48.272	ug/l	99
3) Chloromethane	2.03	50	104996	45.228	ug/l	98
4) Vinyl Chloride	2.16	62	133994	48.417	ug/l	99
5) Bromomethane	2.52	94	90201	42.443	ug/l	99
6) Chloroethane	2.66	64	91880	49.055	ug/l	100
7) Trichlorofluoromethane	2.97	101	169391	51.242	ug/l	98
8) Diethyl Ether	3.37	74	61053	54.937	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88485	52.175	ug/l	99
10) Methyl Iodide	3.91	142	109993	53.341	ug/l	99
11) Tert butyl alcohol	4.74	59	88549	285.283	ug/l	100
12) 1,1-Dichloroethene	3.69	96	86209	50.732	ug/l	99
13) Acrolein	3.56	56	48053	259.029	ug/l	100
14) Allyl chloride	4.27	41	121118	53.703	ug/l	98
15) Acrylonitrile	4.93	53	230038	299.102	ug/l	99
16) Acetone	3.77	43	178001	268.661	ug/l	100
17) Carbon Disulfide	4.00	76	201317	40.489	ug/l	100
18) Methyl Acetate	4.28	43	110843	58.109	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	314360	55.561	ug/l	98
20) Methylene Chloride	4.50	84	105441	48.847	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	95912	49.139	ug/l	96
22) Diisopropyl ether	5.90	45	293810	56.961	ug/l	100
23) Vinyl Acetate	5.84	43	1156110	284.976	ug/l	98
24) 1,1-Dichloroethane	5.80	63	183000	54.197	ug/l	99
25) 2-Butanone	6.79	43	287296	297.204	ug/l	99
26) 2,2-Dichloropropane	6.77	77	142763	50.254	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	117941	52.368	ug/l	99
28) Bromochloromethane	7.15	49	83522	55.555	ug/l	94
29) Tetrahydrofuran	7.17	42	187147	294.179	ug/l	98
30) Chloroform	7.33	83	190658	52.833	ug/l	99
31) Cyclohexane	7.61	56	140762	47.621	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	160848	52.338	ug/l	99
36) 1,1-Dichloropropene	7.75	75	135314	50.956	ug/l	99
37) Ethyl Acetate	6.88	43	120794	58.251	ug/l	99
38) Carbon Tetrachloride	7.73	117	133777	50.872	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141185	49.376	ug/l	96
40) Benzene	8.00	78	426263	52.991	ug/l	99
41) Methacrylonitrile	7.13	41	53290	60.097	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	151033	55.065	ug/l	98
43) Isopropyl Acetate	8.13	43	207767	59.453	ug/l #	90
44) Trichloroethene	8.80	130	107730	50.888	ug/l	99
45) 1,2-Dichloropropane	9.09	63	111650	56.479	ug/l	98
46) Dibromomethane	9.18	93	74675	53.643	ug/l	98
47) Bromodichloromethane	9.37	83	155472	54.542	ug/l	99
48) Methyl methacrylate	9.17	41	91698	57.699	ug/l	98
49) 1,4-Dioxane	9.17	88	41665	1141.910	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	620984	300.702	ug/l	100
52) Toluene	10.12	92	274623	54.360	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	172610	57.042	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	182448	55.510	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	114060	57.383	ug/l	99
56) Ethyl methacrylate	10.40	69	161851	53.116	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188184	55.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	296239	282.393	ug/l	98
59) 2-Hexanone	10.72	43	457501	275.836	ug/l	99
60) Dibromochloromethane	10.87	129	122638	55.293	ug/l	100
61) 1,2-Dibromoethane	10.98	107	112836	54.365	ug/l	99
64) Tetrachloroethene	10.60	164	90149	51.789	ug/l	97
65) Chlorobenzene	11.41	112	303703	52.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	109367	54.415	ug/l	99
67) Ethyl Benzene	11.48	91	526795	54.522	ug/l	100
68) m/p-Xylenes	11.59	106	407870	109.474	ug/l	99
69) o-Xylene	11.92	106	196203	55.192	ug/l	98
70) Styrene	11.94	104	338180	56.815	ug/l	99
71) Bromoform	12.10	173	81171	55.389	ug/l #	99
73) Isopropylbenzene	12.22	105	519275	54.144	ug/l	100
74) N-amyl acetate	12.05	43	183103	52.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	168586	54.066	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	139469m	52.636	ug/l	
77) Bromobenzene	12.50	156	125633	51.923	ug/l	96
78) n-propylbenzene	12.57	91	596734	54.529	ug/l	100
79) 2-Chlorotoluene	12.65	91	354623	53.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	433487	54.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	54823	56.431	ug/l	98
82) 4-Chlorotoluene	12.75	91	366146	53.913	ug/l	98
83) tert-Butylbenzene	12.97	119	364580	54.199	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	437751	55.889	ug/l	100
85) sec-Butylbenzene	13.15	105	489141	55.556	ug/l	99
86) p-Isopropyltoluene	13.26	119	440619	56.162	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	231981	52.567	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	228720	50.633	ug/l	100
89) n-Butylbenzene	13.59	91	360389	55.003	ug/l	98
90) Hexachloroethane	13.85	117	80335	55.938	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	224562	52.858	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29063	57.413	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	105458	52.604	ug/l	99
94) Hexachlorobutadiene	14.98	225	42456	53.770	ug/l	98
95) Naphthalene	15.10	128	316272	47.311	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108249	54.522	ug/l	98

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

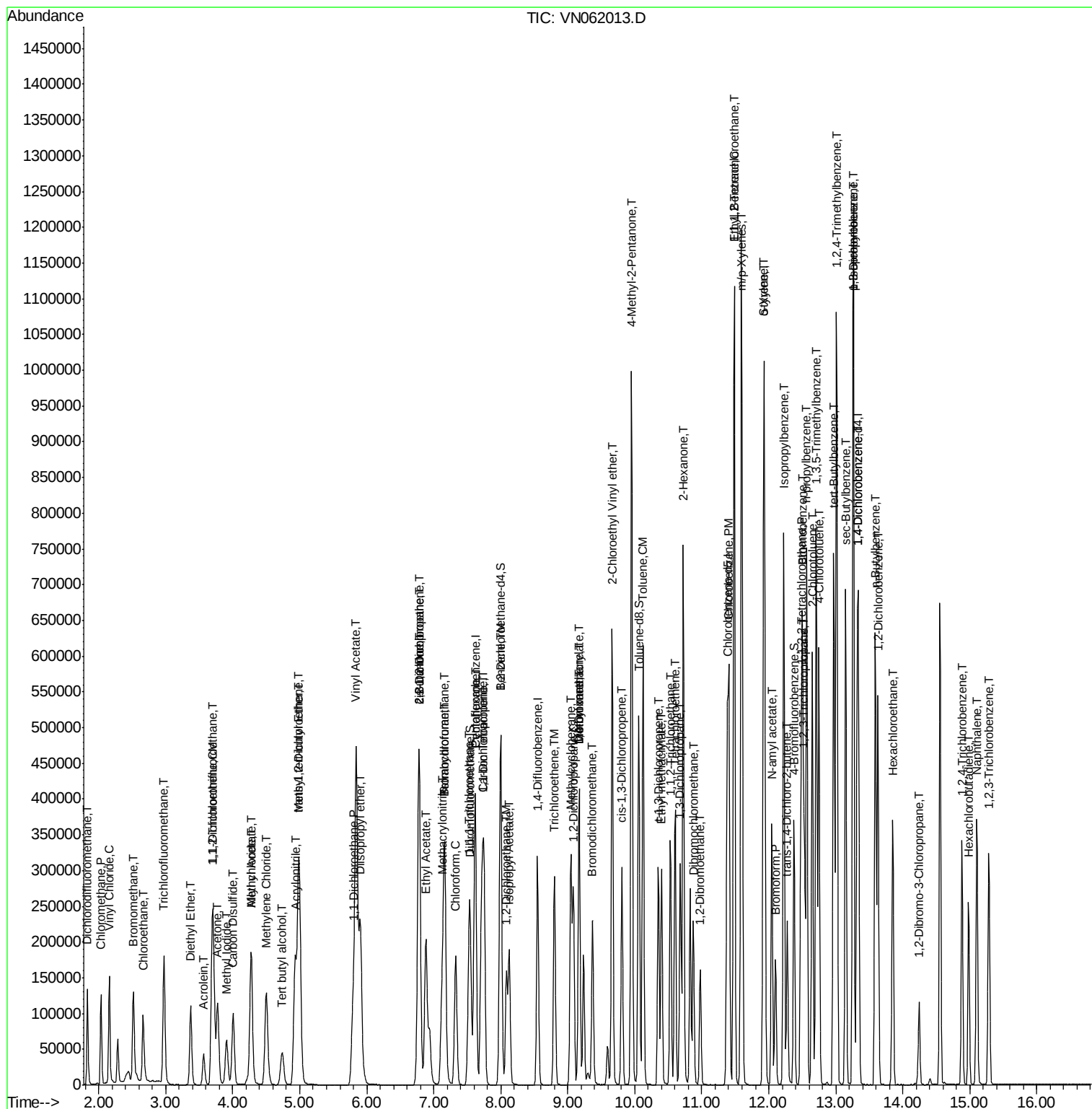
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
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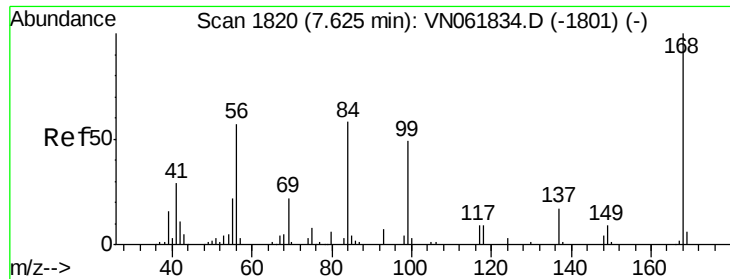
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 167247

Ion Ratio Lower Upper

168 100

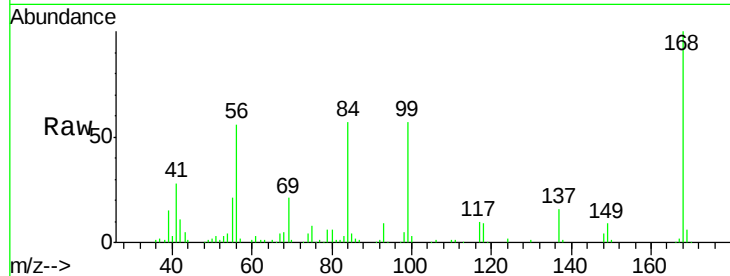
99 57.0 44.6 67.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

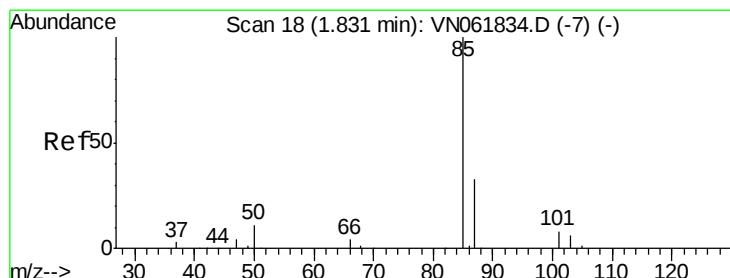
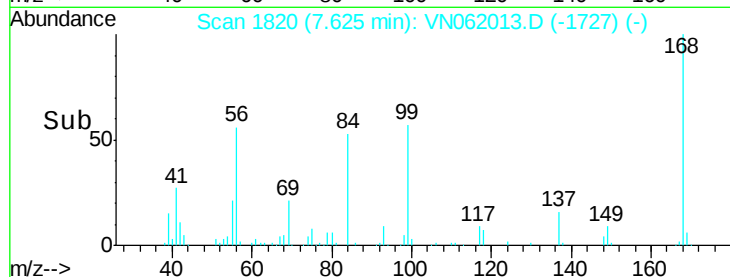
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.272 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062013.D

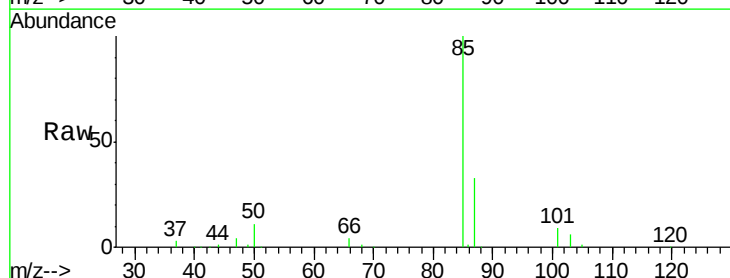
Acq: 22 Jun 2020 20:43

Tgt Ion: 85 Resp: 105025

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

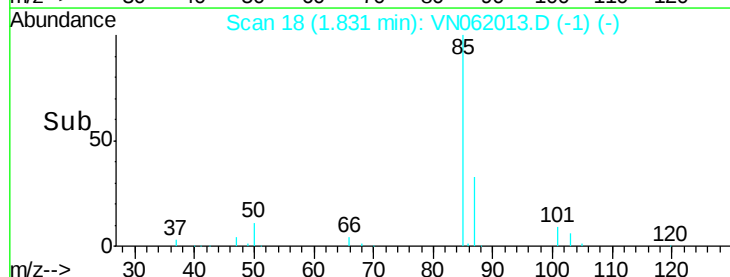
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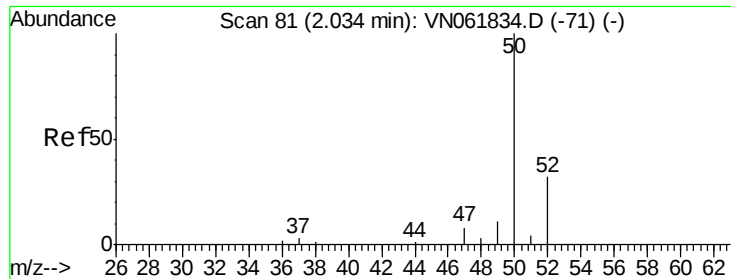
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 45.228 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 104996

Ion Ratio Lower Upper

50 100

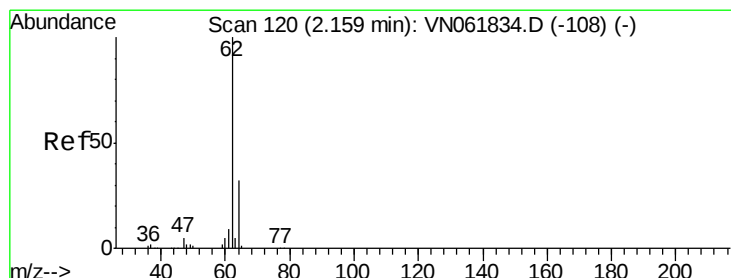
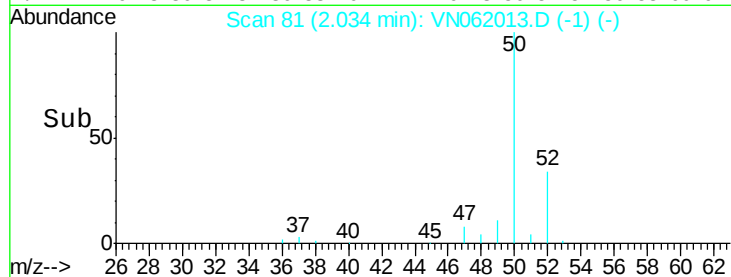
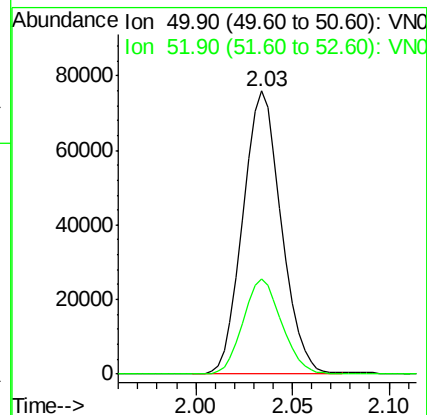
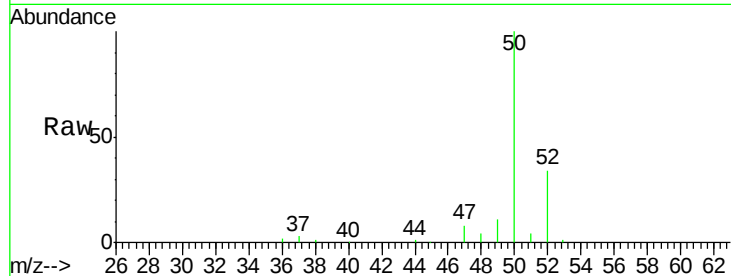
52 33.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.417 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062013.D

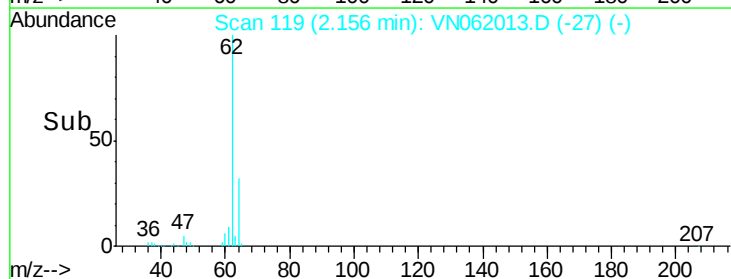
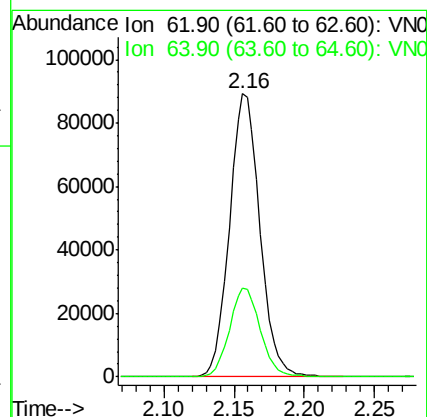
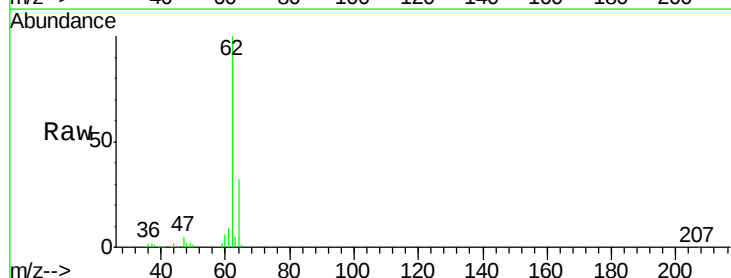
Acq: 22 Jun 2020 20:43

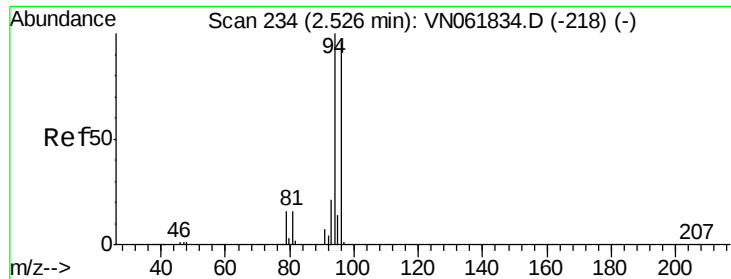
Tgt Ion: 62 Resp: 133994

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 42.443 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 90201

Ion Ratio Lower Upper

94 100

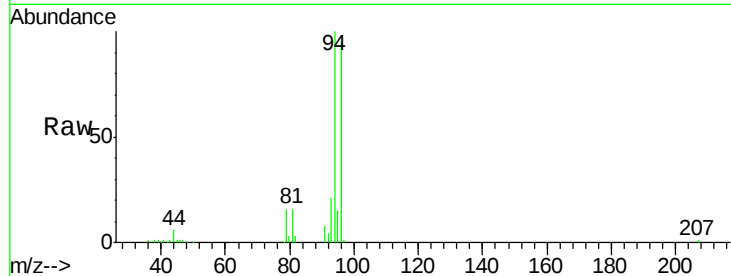
96 94.8 76.7 115.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

50000

40000

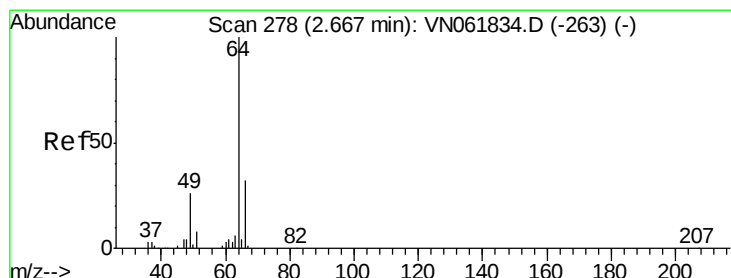
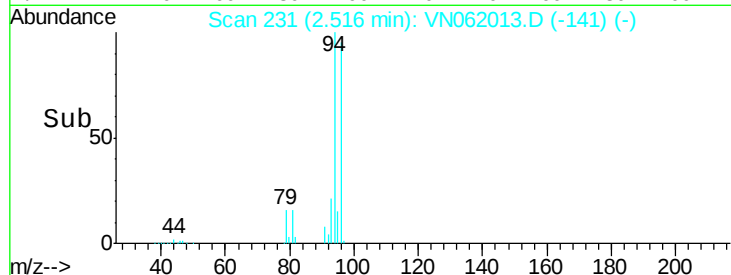
30000

20000

10000

0

Time--> 2.40 2.50 2.60



#6

Chloroethane

Concen: 49.055 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN062013.D

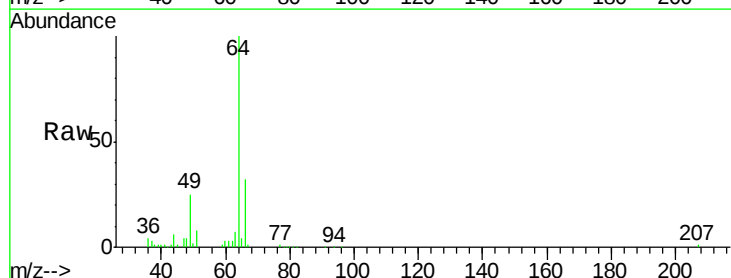
Acq: 22 Jun 2020 20:43

Tgt Ion: 64 Resp: 91880

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

50000

40000

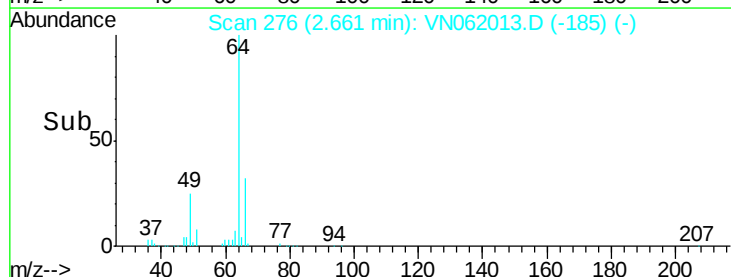
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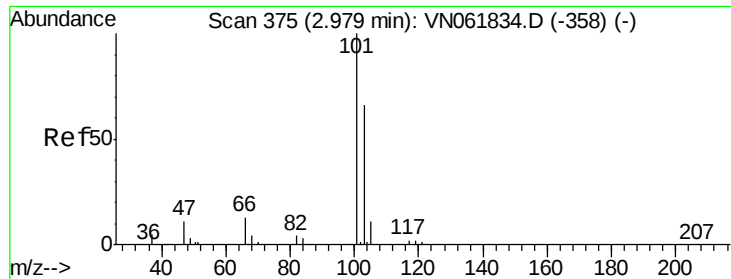
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10000

0

Time--> 2.60 2.70 2.80





#7

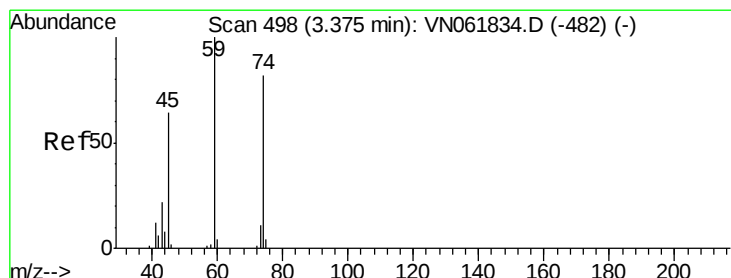
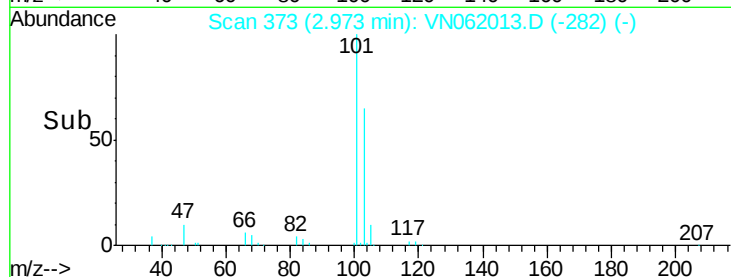
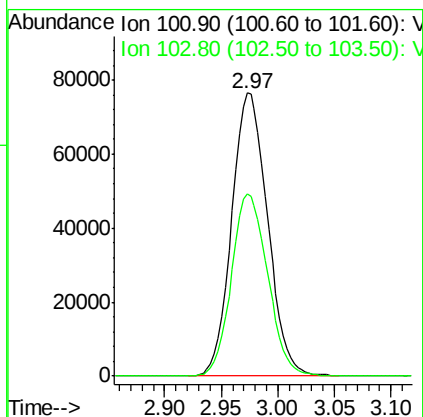
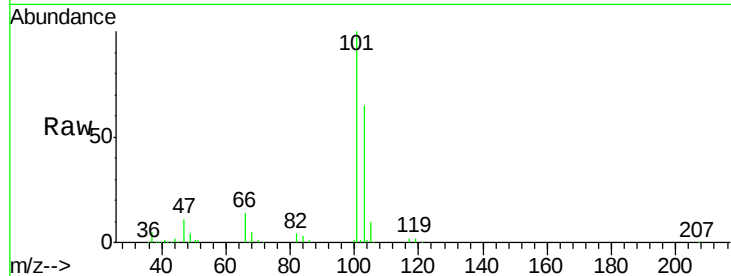
Trichlorofluoromethane
 Concen: 51.242 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VN062013.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.8	79.2

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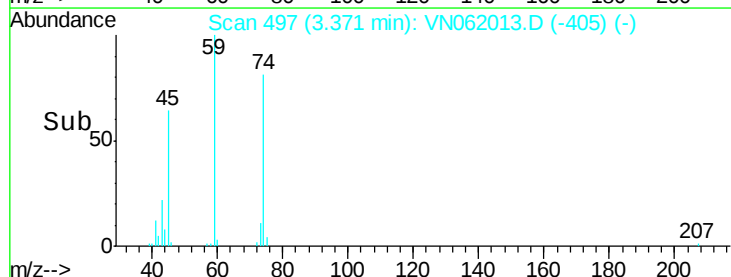
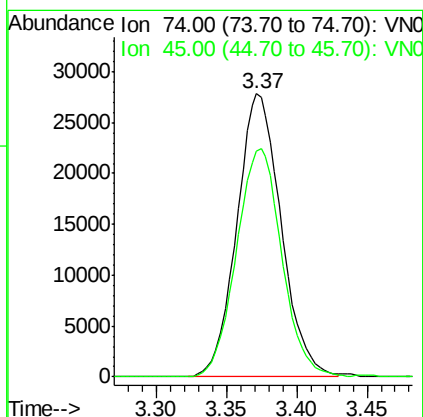
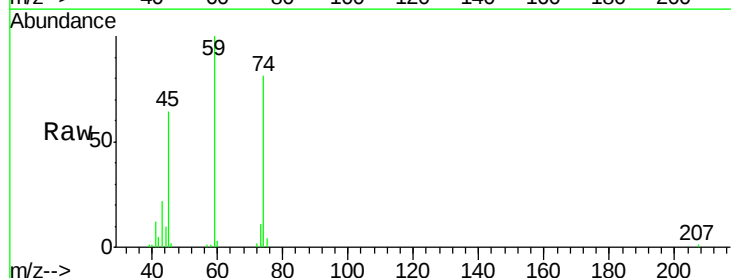
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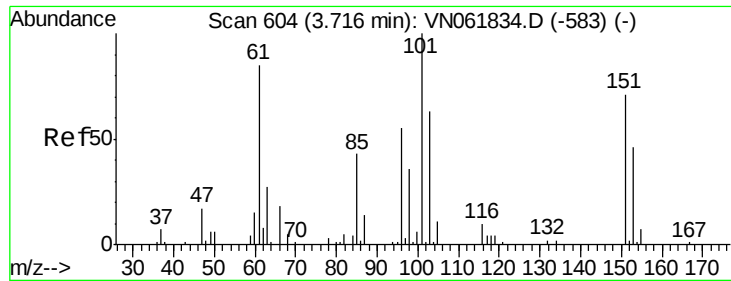


#8

Diethyl Ether
 Concen: 54.937 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.4	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.175 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062013.D

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Instrument :

MSVOA_N

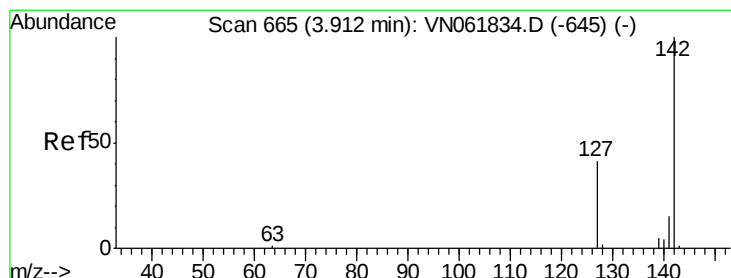
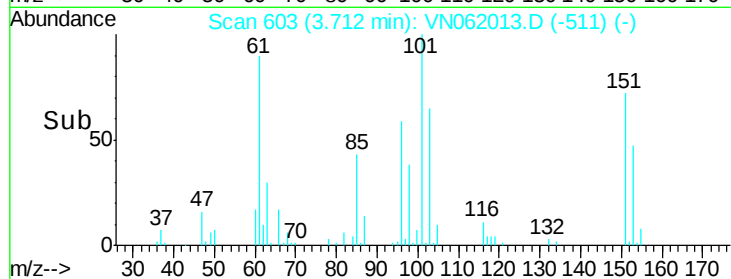
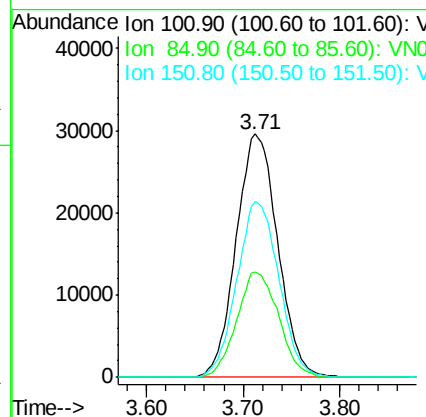
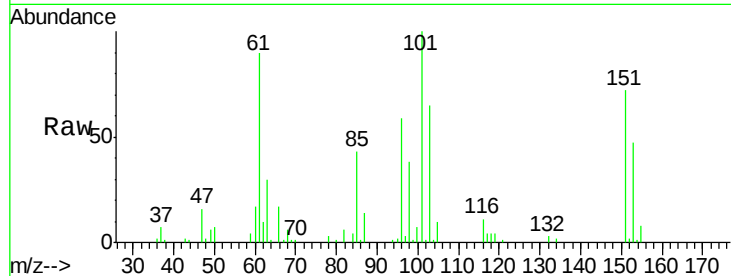
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88485
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.0	52.6
151	72.9	59.2	88.8

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#10

Methyl Iodide

Concen: 53.341 ug/l

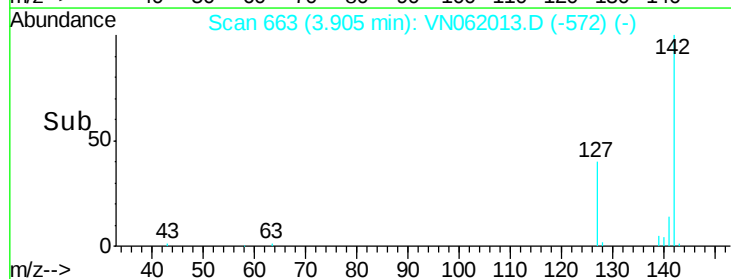
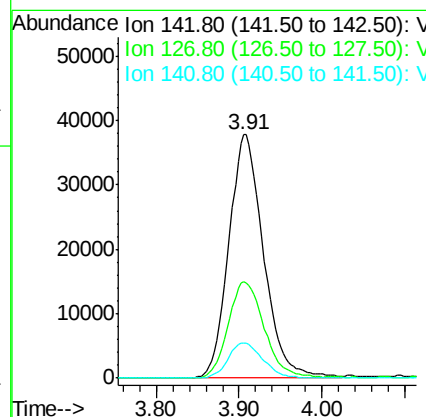
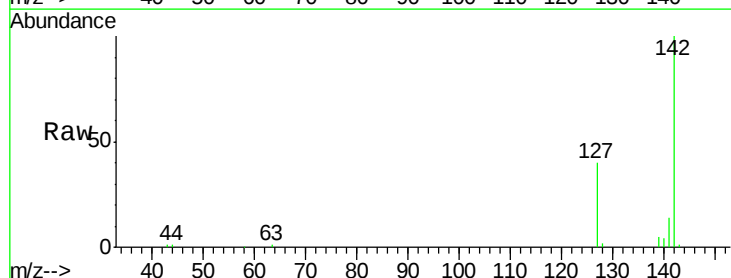
RT: 3.91 min Scan# 663

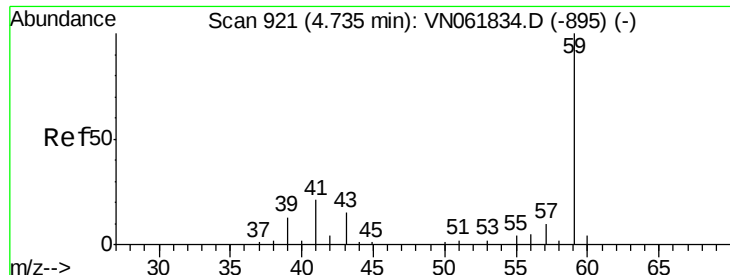
Delta R.T. -0.01 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Tgt Ion:	142	Resp:	109993
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.4	50.0
141	14.3	11.3	16.9





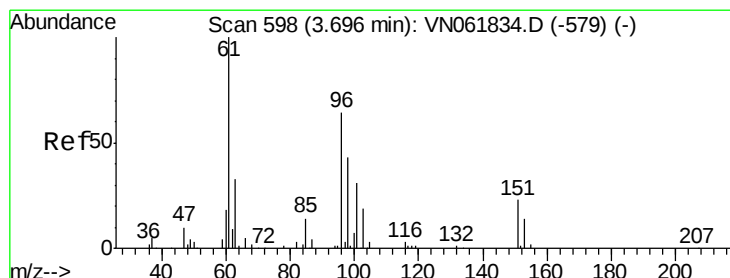
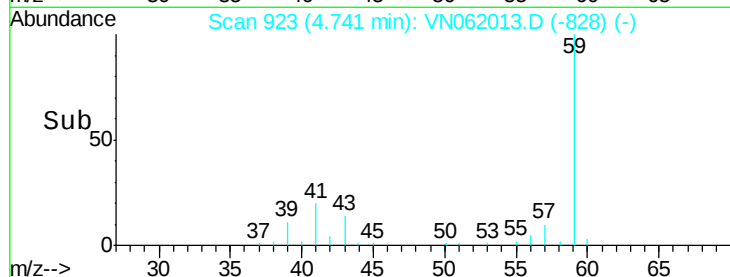
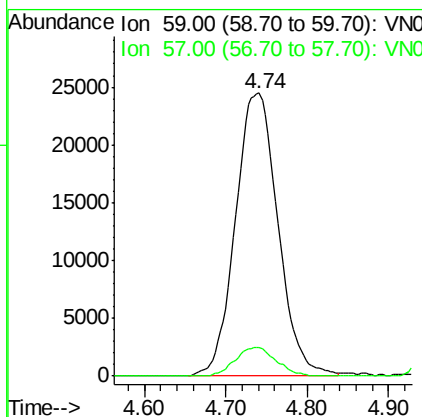
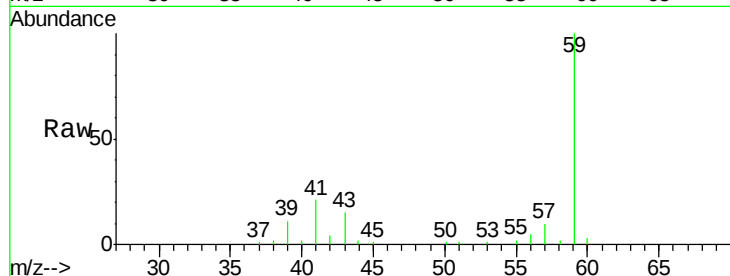
#11
Tert butyl alcohol
Concen: 285.283 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.7	11.5

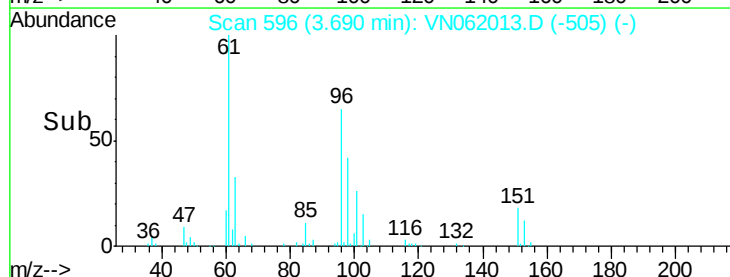
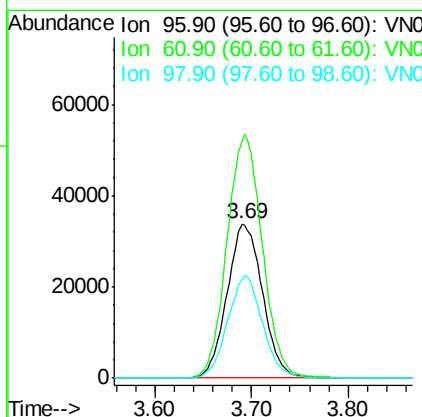
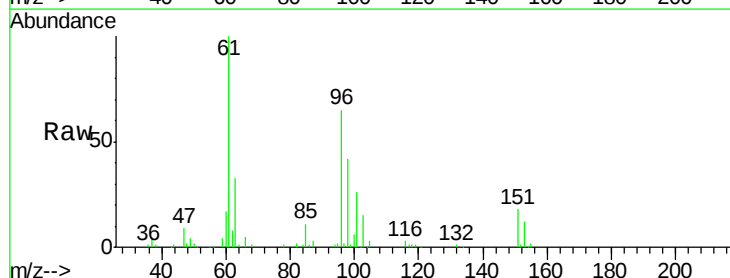
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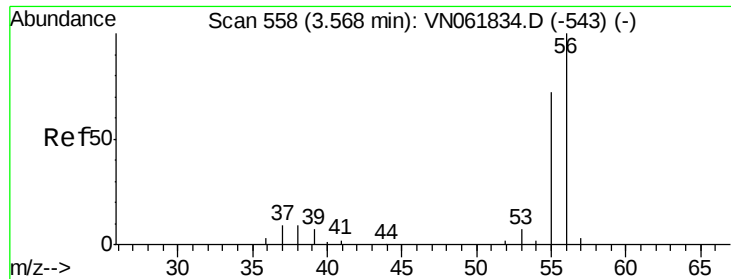
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.732 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.01 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.4	124.3	186.5
98	64.6	53.1	79.7





#13

Acrolein

Concen: 259.029 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 48053

Ion Ratio Lower Upper

56 100

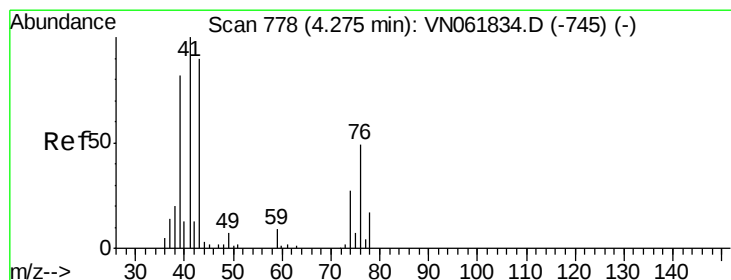
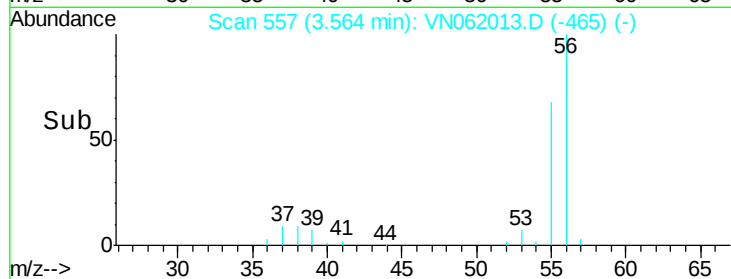
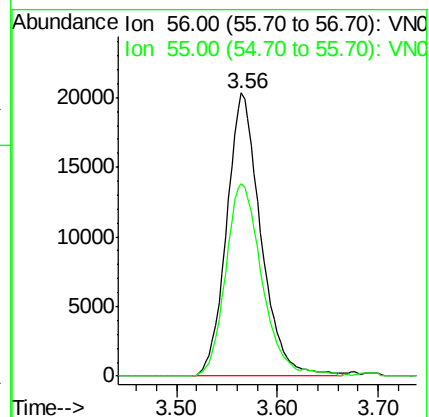
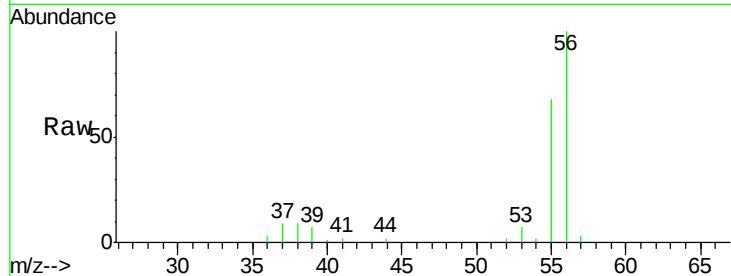
55 70.6 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 53.703 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

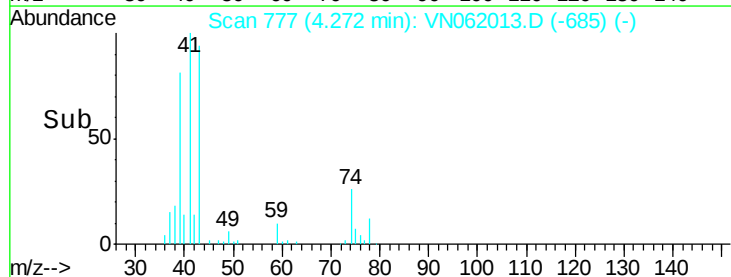
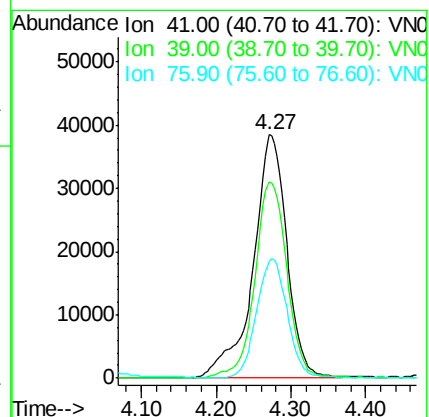
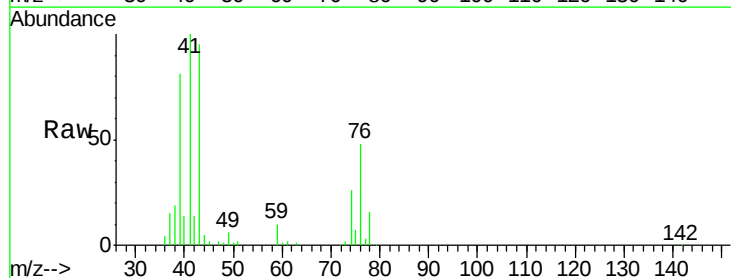
Tgt Ion: 41 Resp: 121118

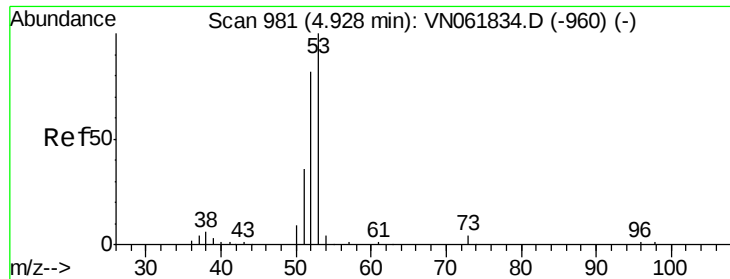
Ion Ratio Lower Upper

41 100

39 76.5 60.2 90.2

76 44.3 36.3 54.5





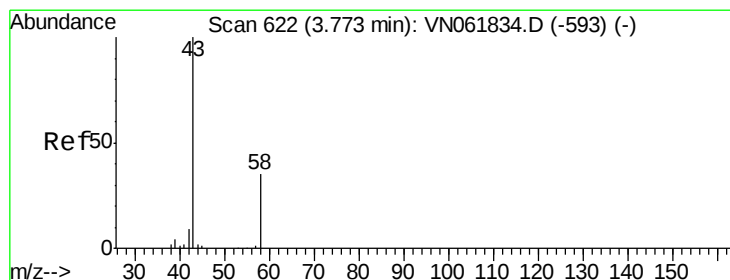
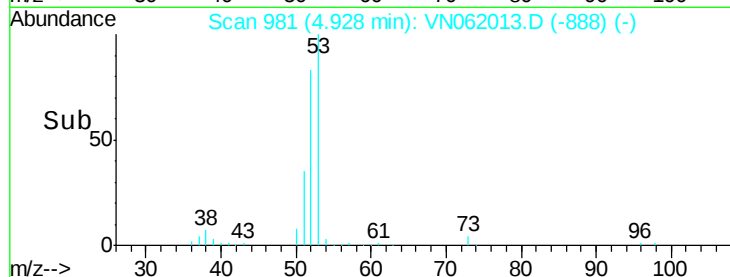
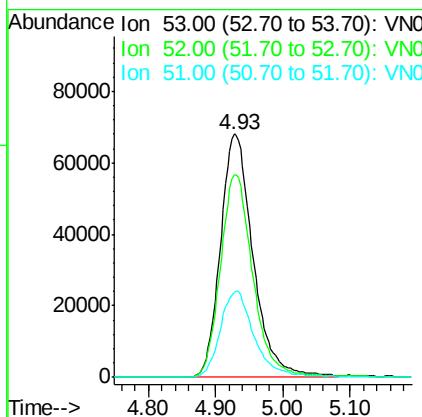
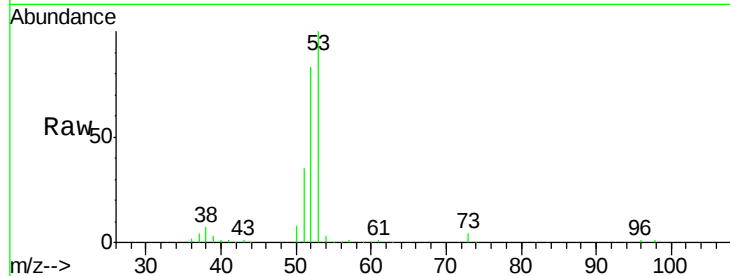
#15
 Acrylonitrile
 Concen: 299.102 ug/l
 RT: 4.93 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.2	97.8
51	36.8	29.3	43.9

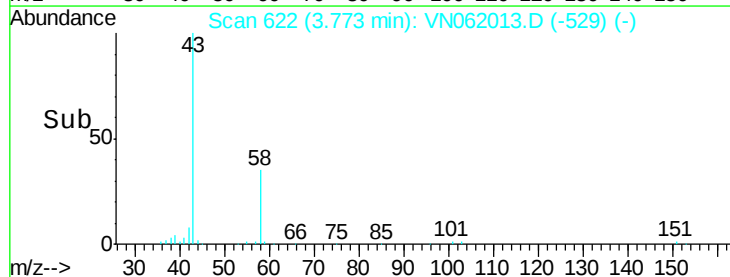
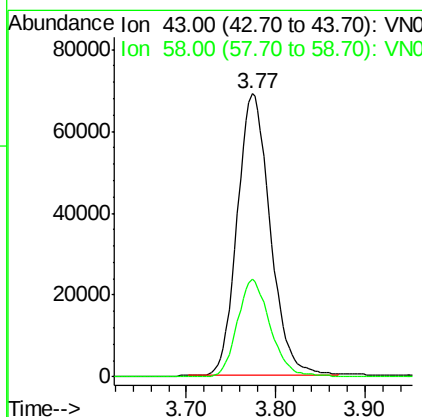
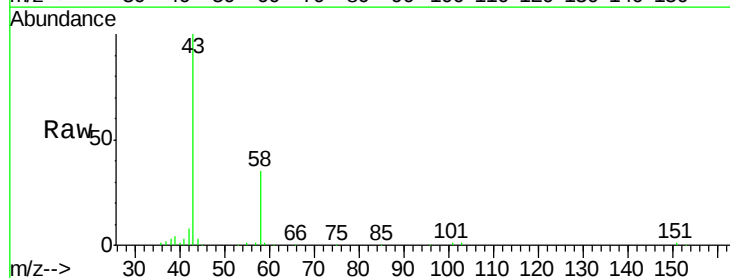
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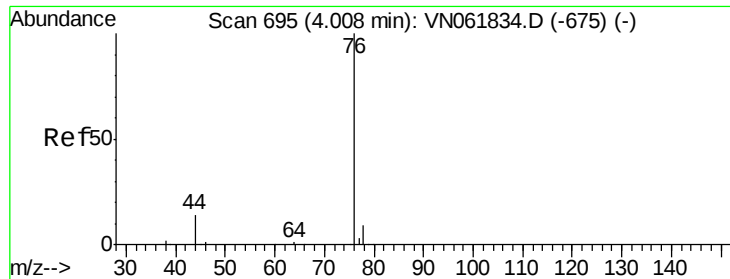
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#16
 Acetone
 Concen: 268.661 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.8	41.8





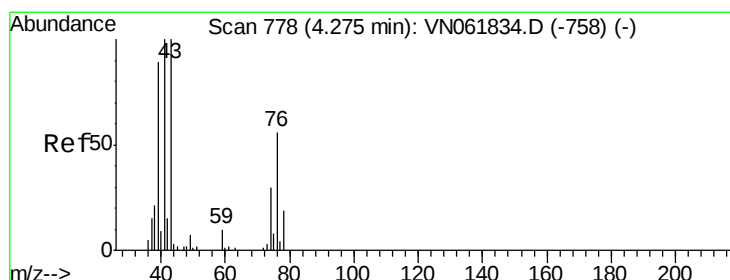
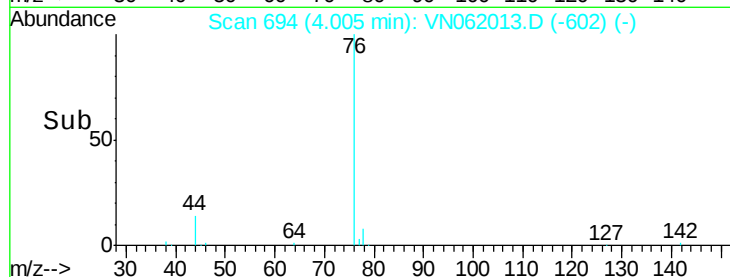
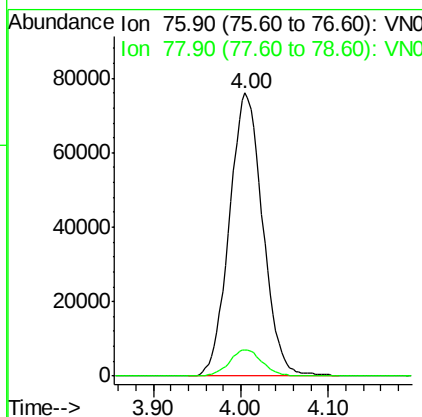
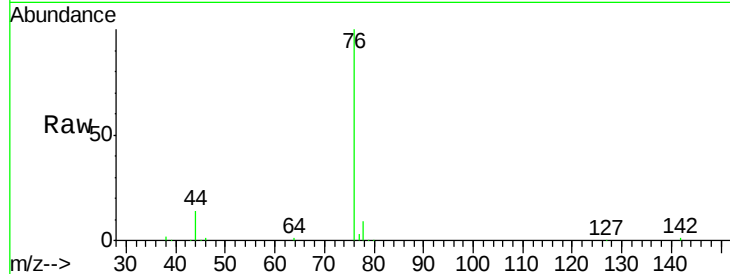
#17
Carbon Disulfide
Concen: 40.489 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

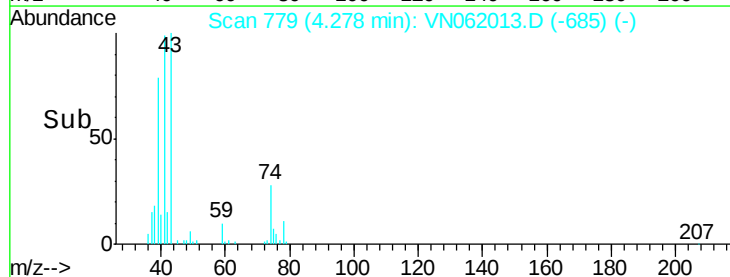
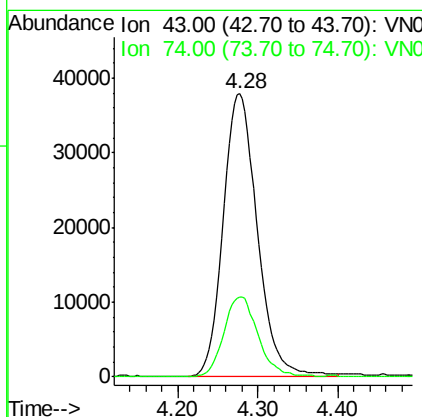
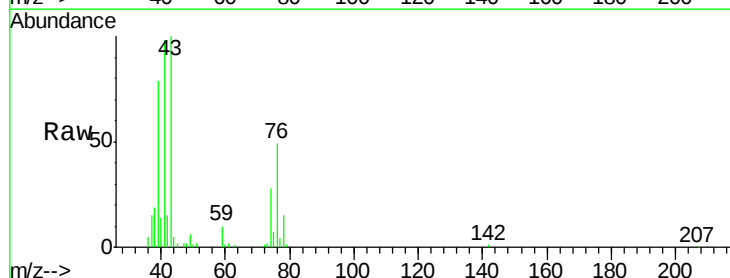
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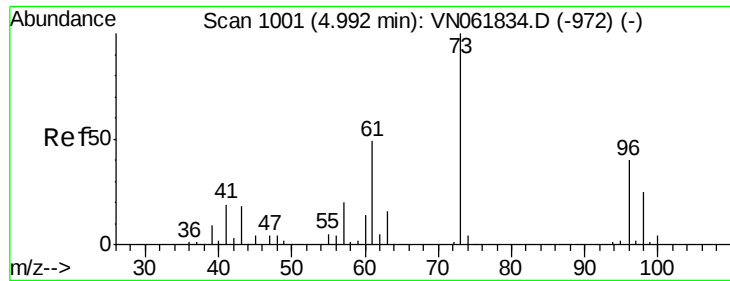
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#18
Methyl Acetate
Concen: 58.109 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	23.0	34.4





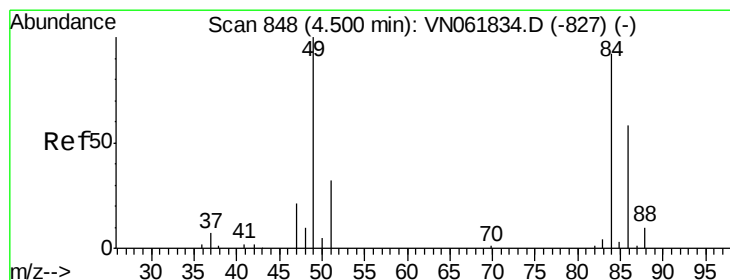
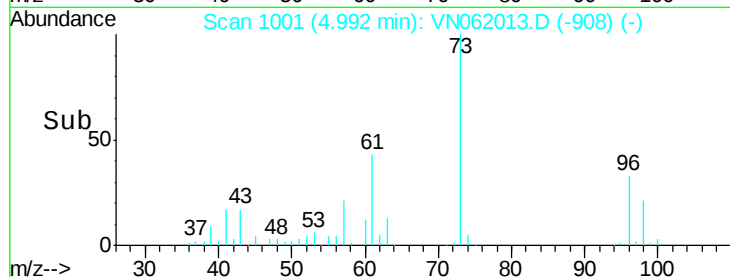
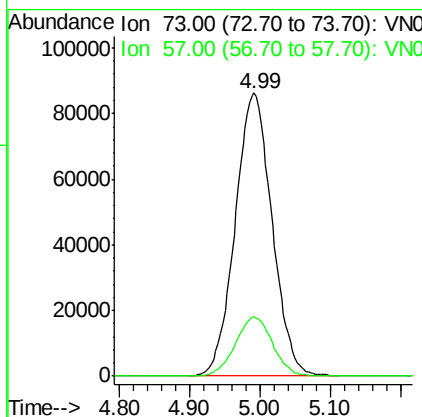
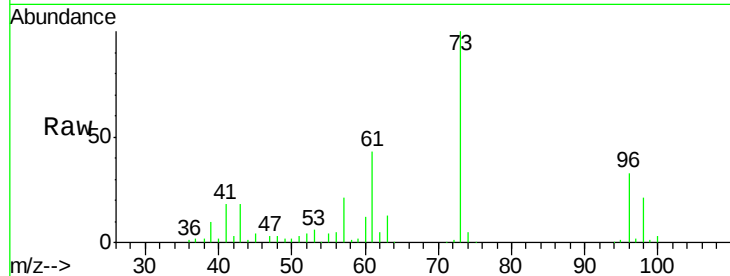
#19
Methvl tert-butvl Ether
Concen: 55.561 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 314360
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.4

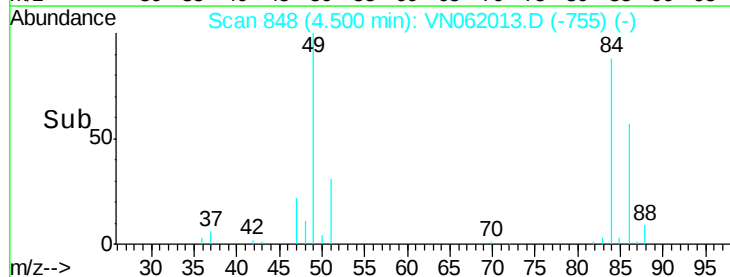
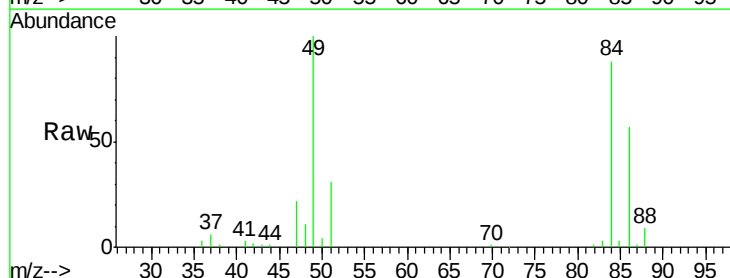
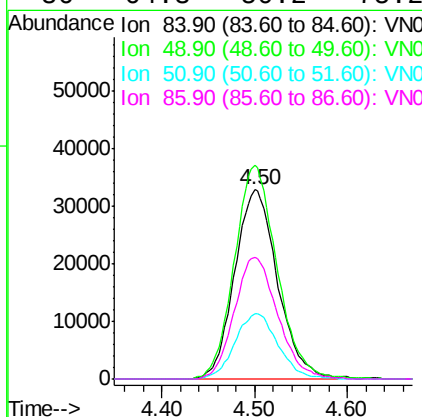
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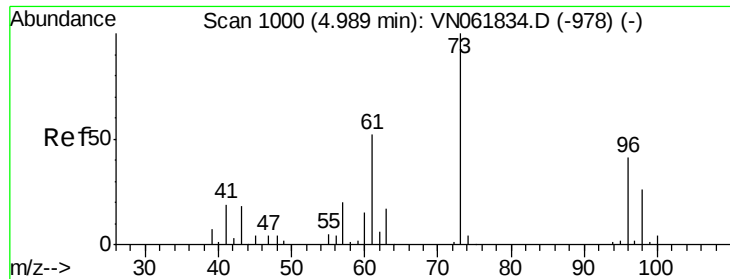
MMDadoda
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#20
Methylene Chloride
Concen: 48.847 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion: 84 Resp: 105441
Ion Ratio Lower Upper
84 100
49 113.1 87.0 130.4
51 34.5 27.8 41.6
86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 49.139 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 95912

Ion Ratio Lower Upper

96 100

61 133.3 102.2 153.4

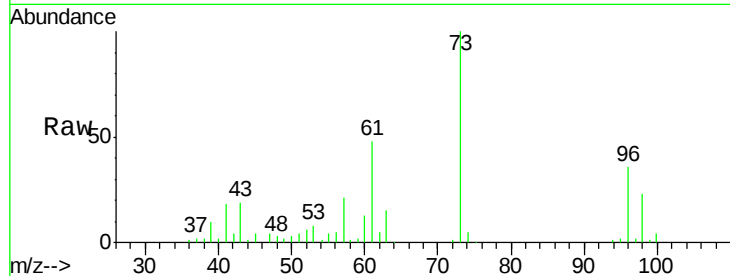
98 62.7 51.2 76.8

Manual Integrations

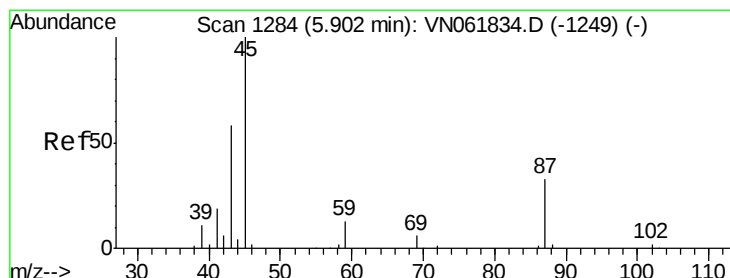
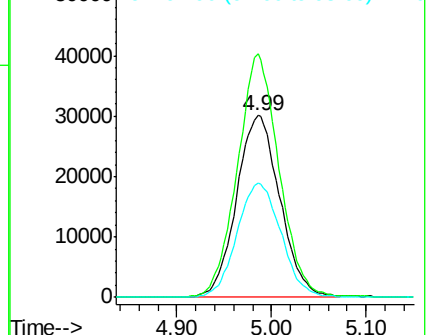
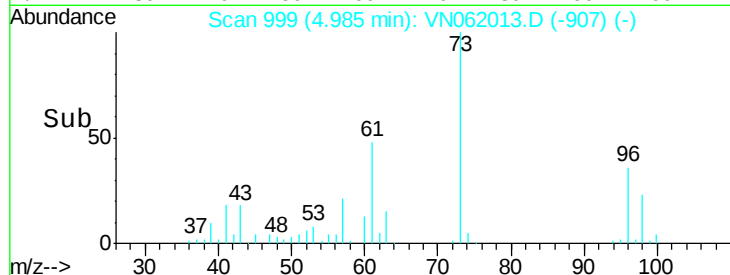
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Abundance Ion 95.90 (95.60 to 96.60): VN062013.D (-907) (-)



#22

Diisopropyl ether

Concen: 56.961 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Tgt Ion: 45 Resp: 293810

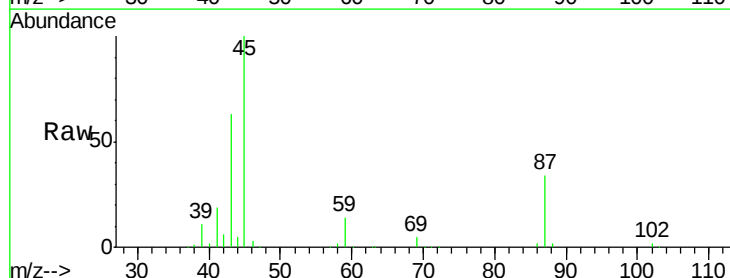
Ion Ratio Lower Upper

45 100

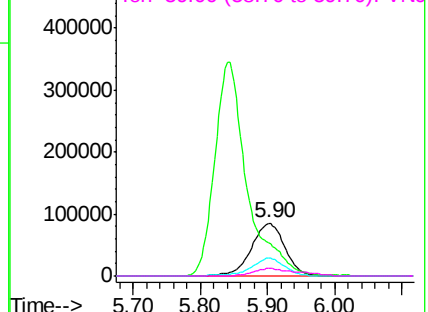
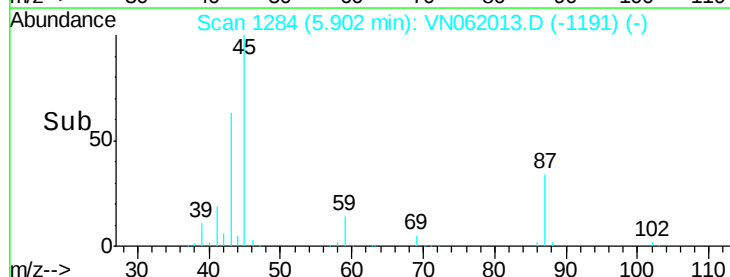
43 61.9 49.4 74.2

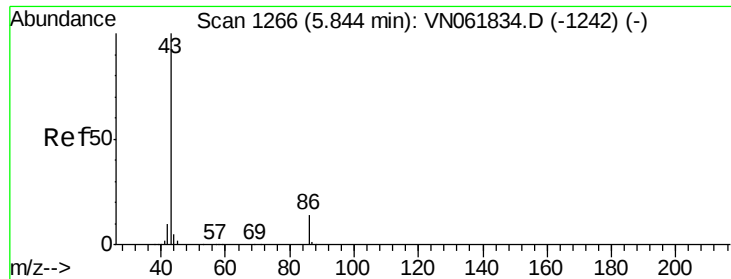
87 34.0 27.4 41.0

59 13.3 10.6 15.8



Abundance Ion 45.00 (44.70 to 45.70): VN062013.D (-1191) (-)





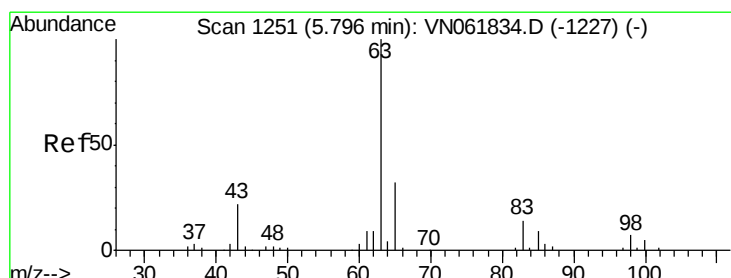
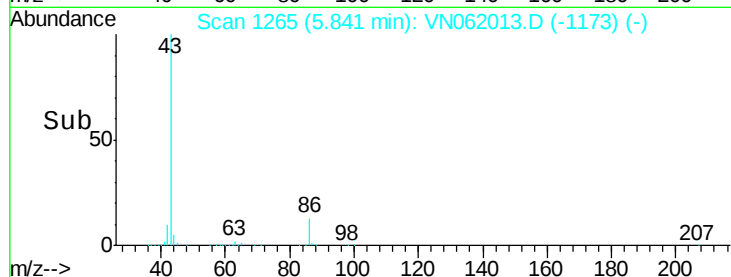
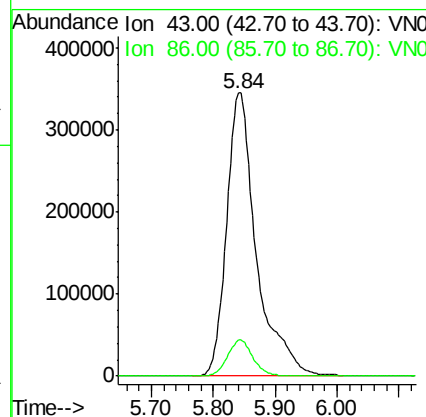
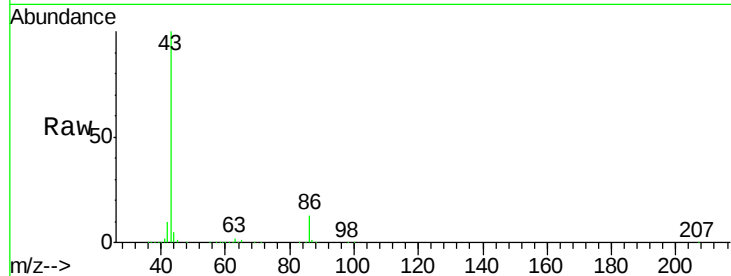
#23
 Vinyl Acetate
 Concen: 284.976 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1156110
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.9 16.3

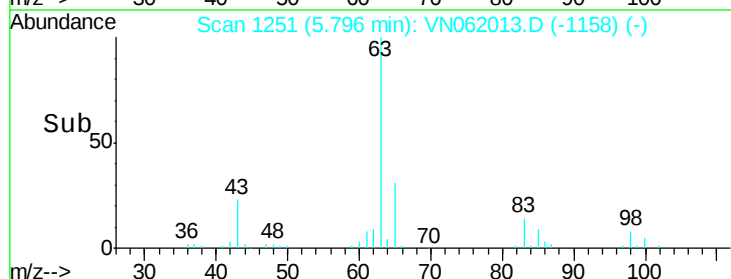
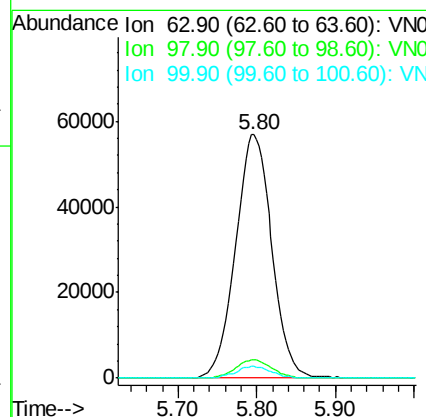
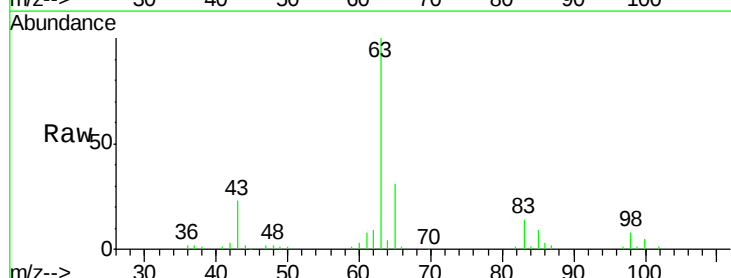
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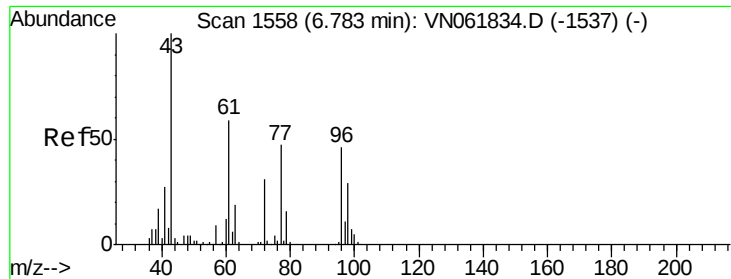
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 54.197 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion: 63 Resp: 183000
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.8 2.5 7.4





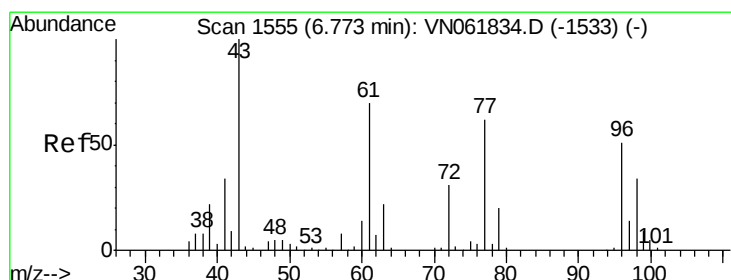
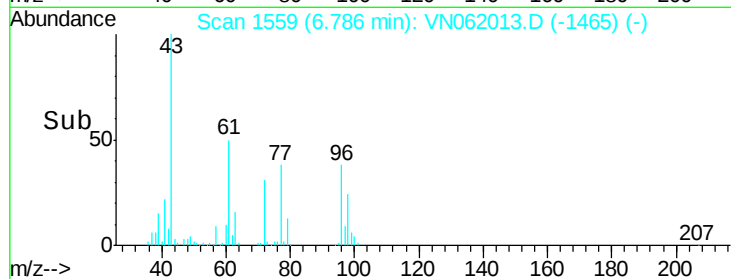
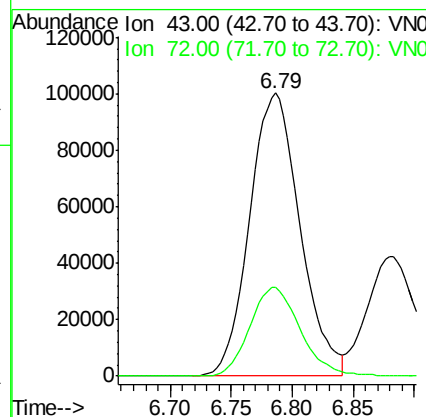
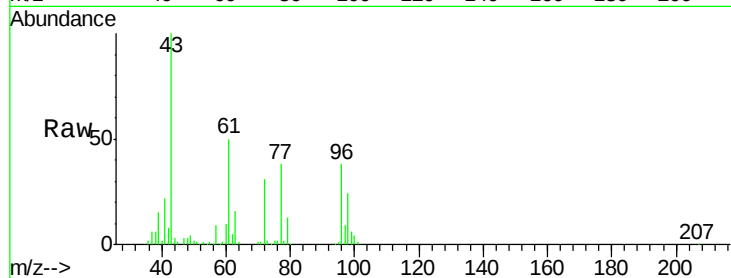
#25
2-Butanone
Concen: 297.204 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 287296
Ion Ratio Lower Upper
43 100
72 31.3 24.6 37.0

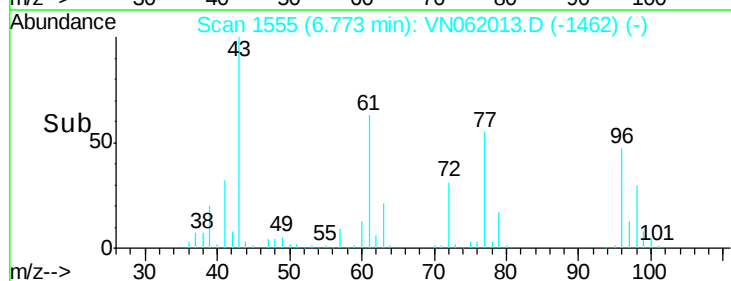
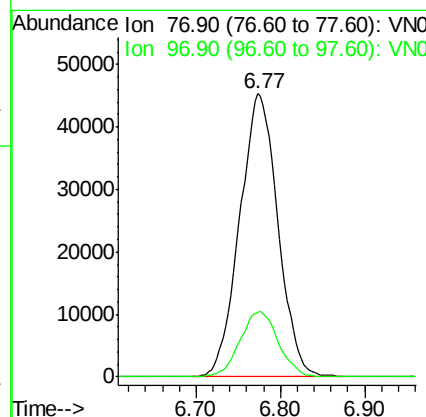
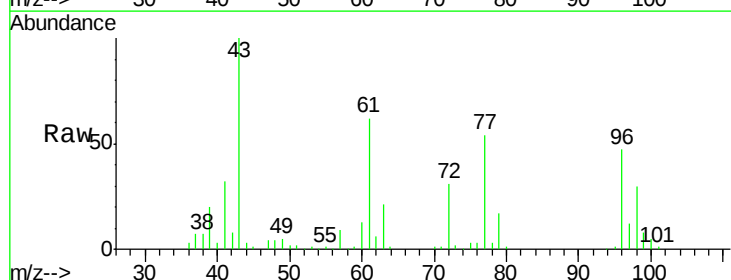
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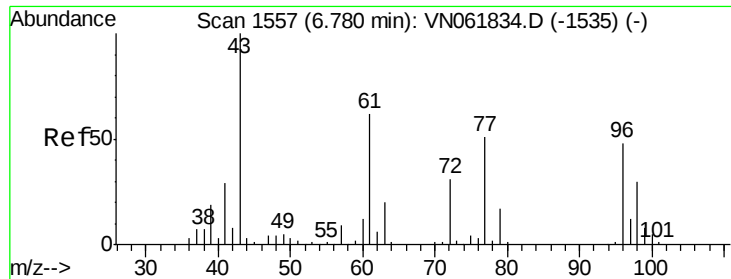
MMDadoda
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#26
2,2-Dichloropropane
Concen: 50.254 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion: 77 Resp: 142763
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.368 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

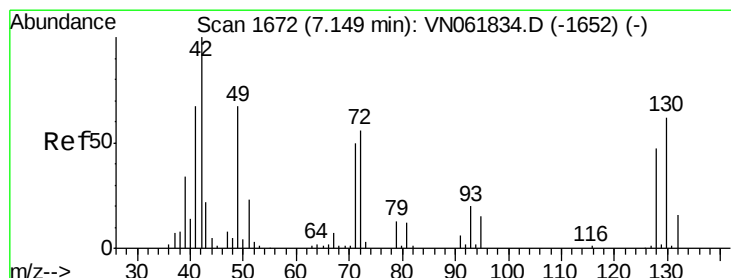
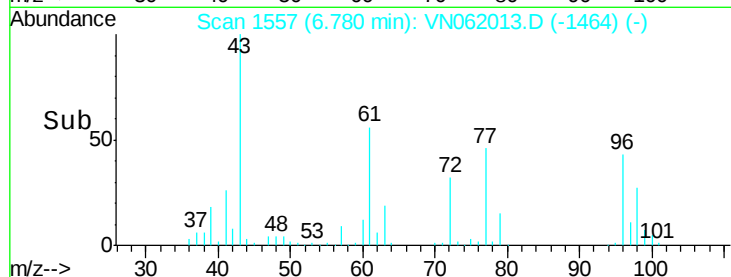
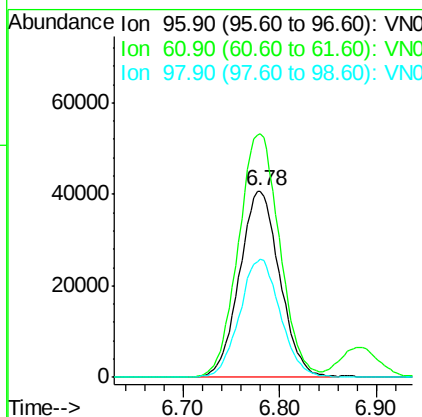
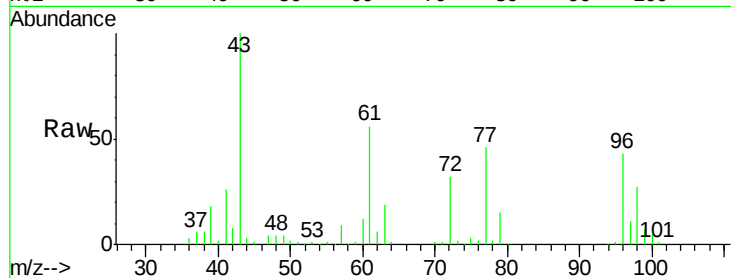
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	117941
Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	265.6
98	64.0	0.0	128.2

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#28

Bromochloromethane

Concen: 55.555 ug/l

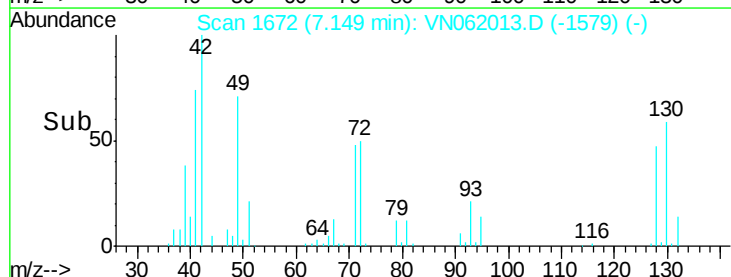
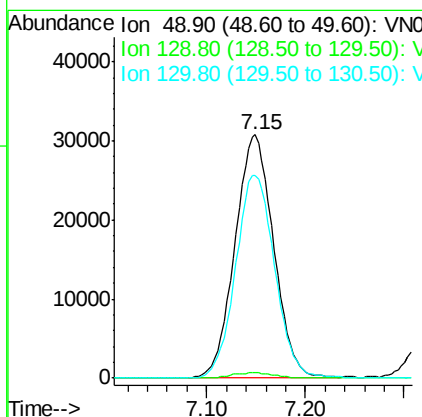
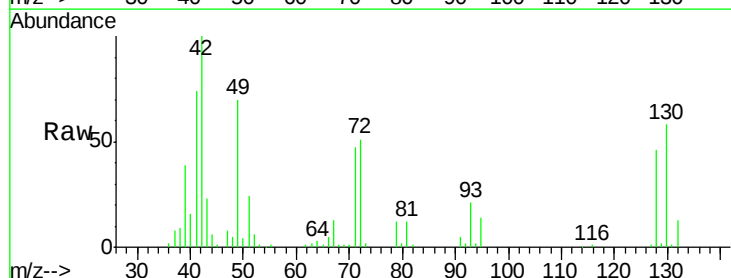
RT: 7.15 min Scan# 1672

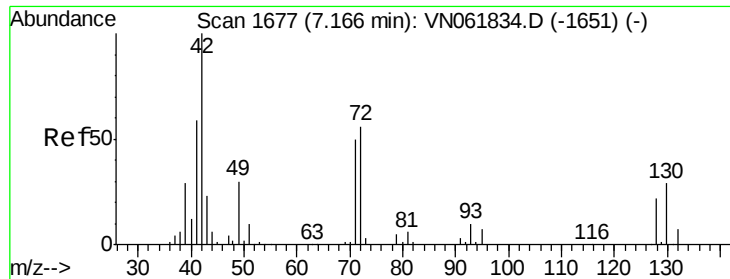
Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Tgt Ion:	49	Resp:	83522
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	84.4	72.2	108.2





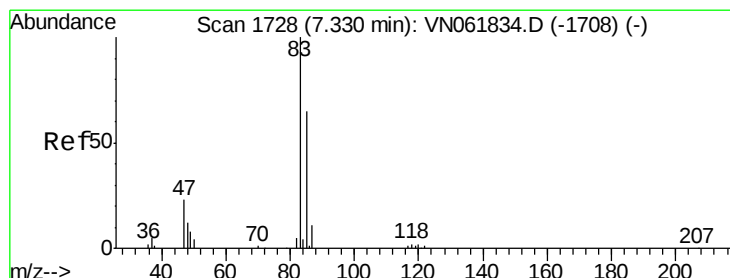
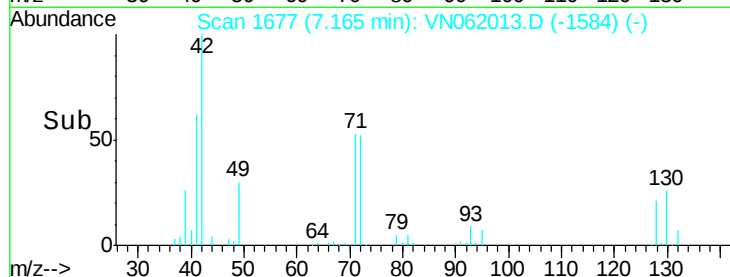
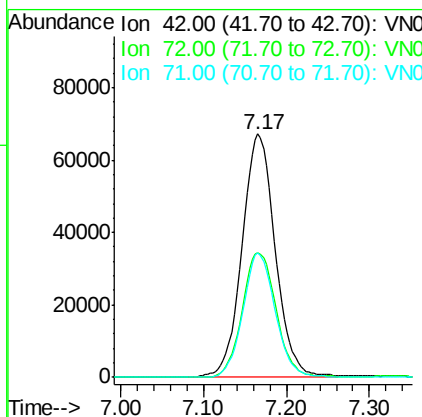
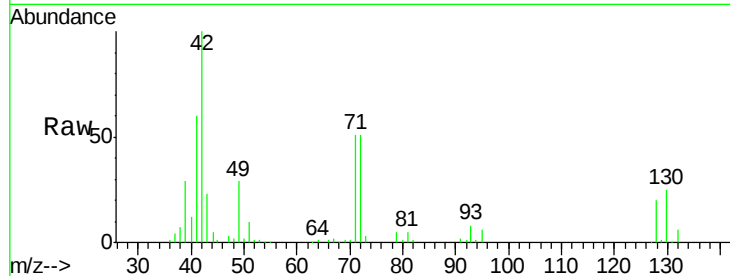
#29
Tetrahydrofuran
Concen: 294.179 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	44.0	66.0
71	49.7	40.0	60.0

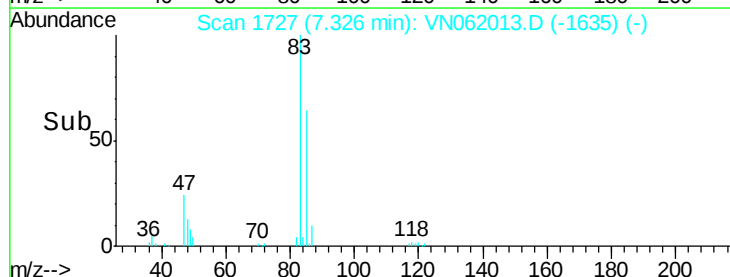
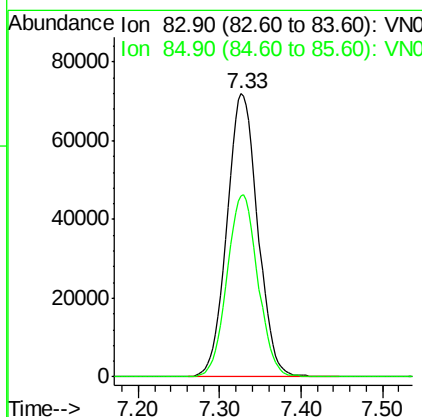
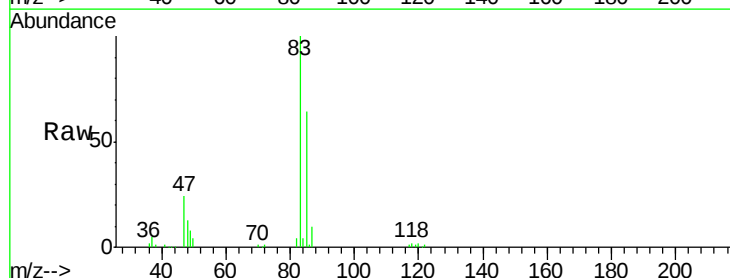
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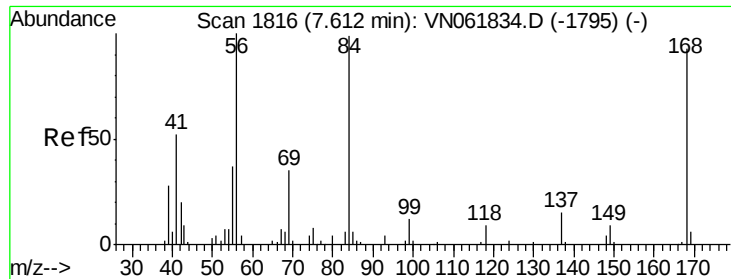
MMDadoda
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#30
Chloroform
Concen: 52.833 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0





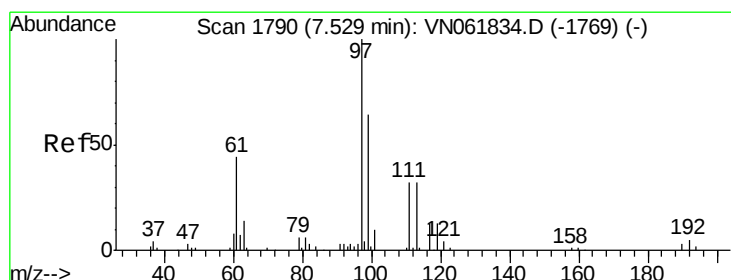
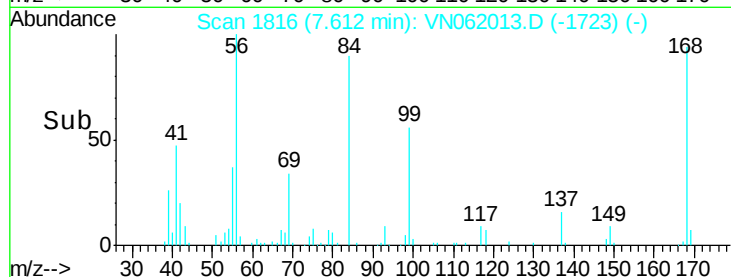
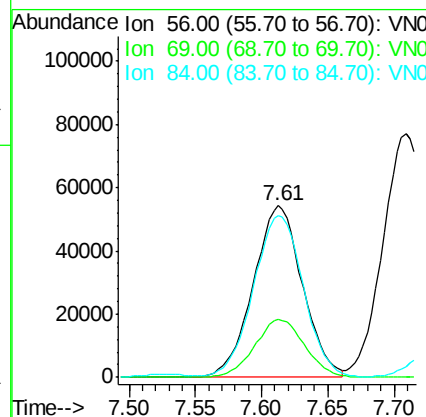
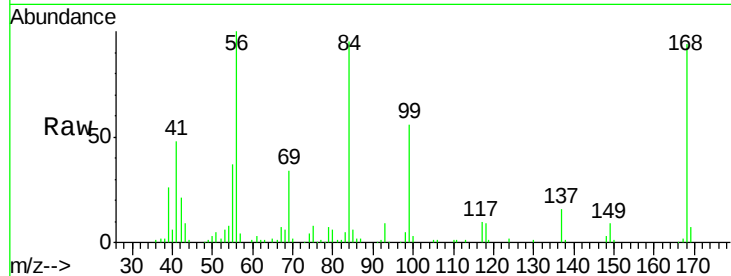
#31
Cyclohexane
Concen: 47.621 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.7	41.5
84	93.5	79.1	118.7

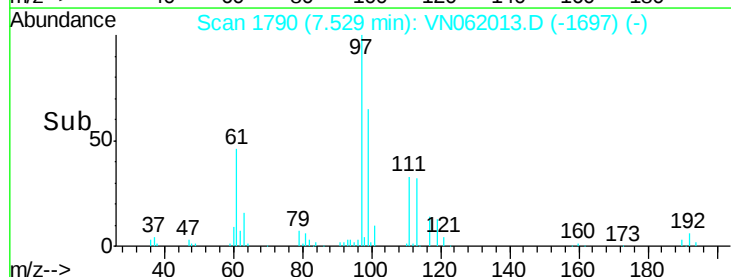
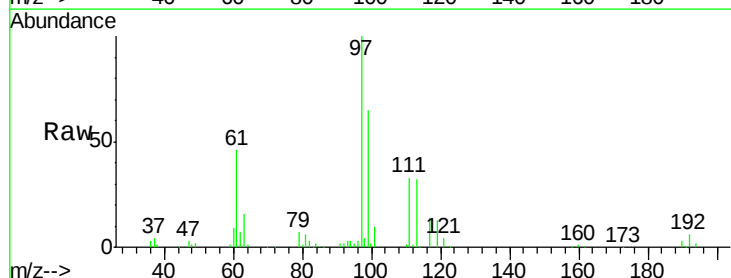
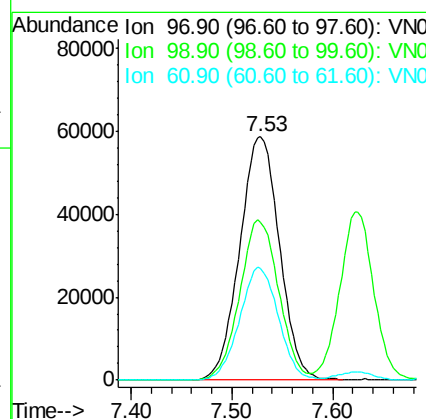
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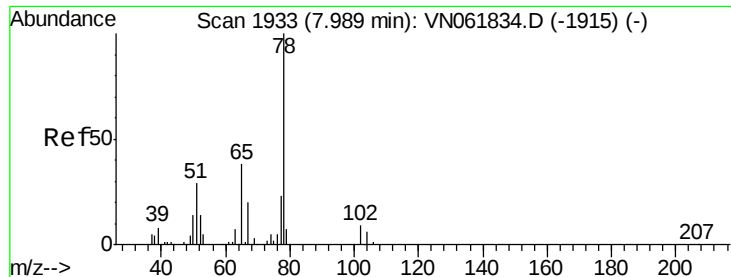
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#32
1,1,1-Trichloroethane
Concen: 52.338 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	45.1	35.1	52.7





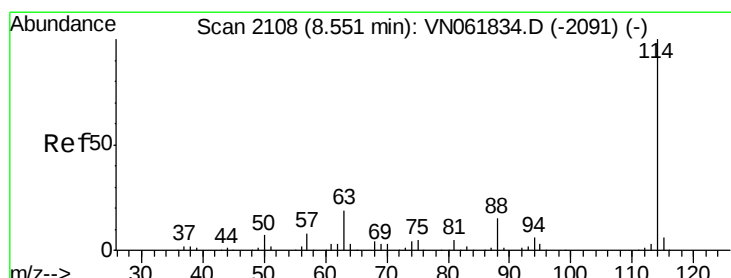
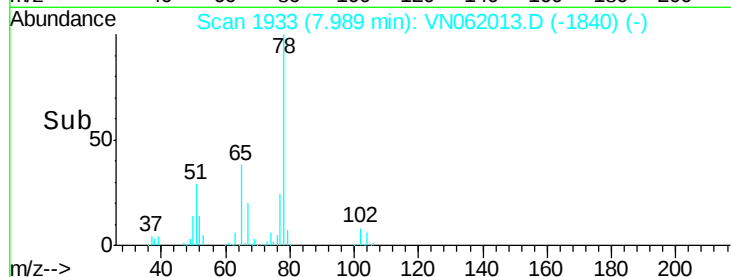
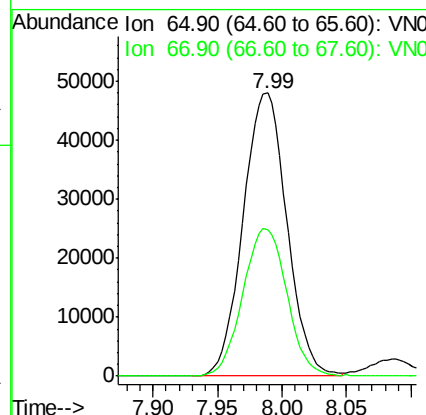
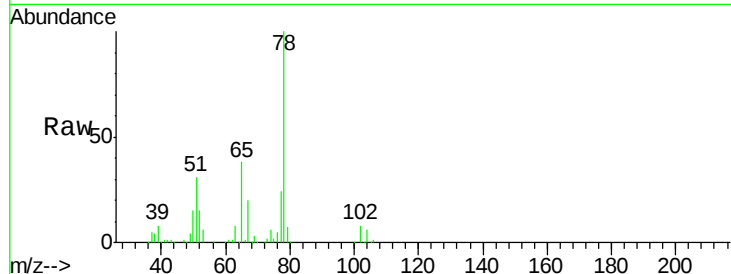
#33
 1,2-Dichloroethane-d4
 Concen: 50.618 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	106.2	

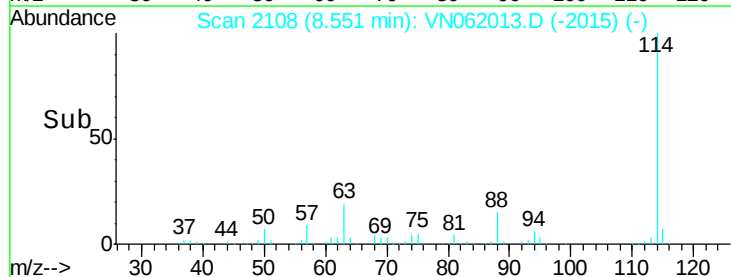
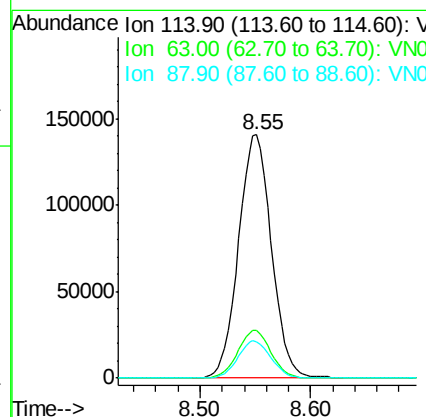
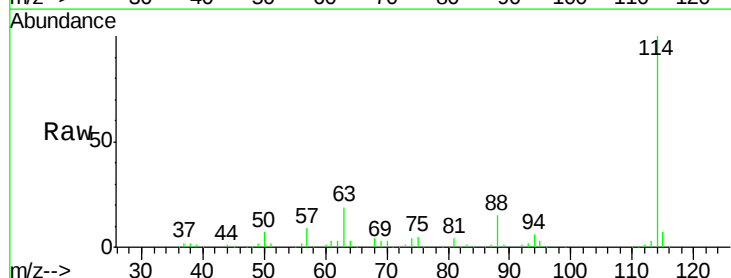
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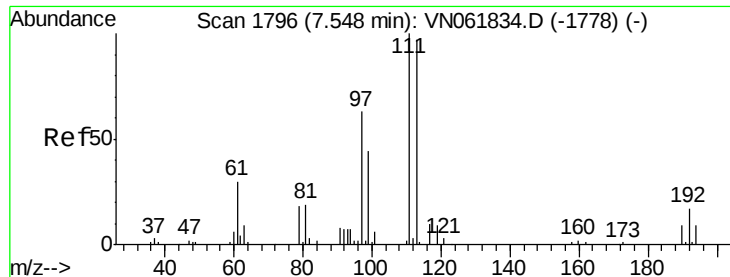
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.4	0.0	37.6	
88	14.8	0.0	31.0	





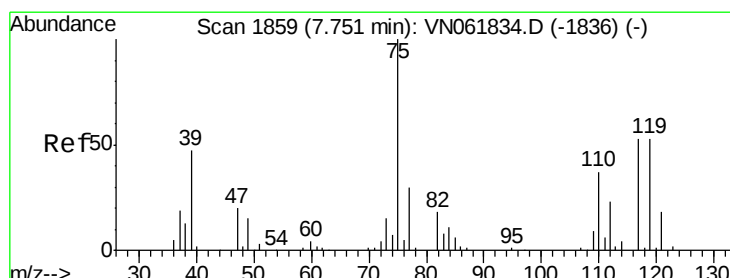
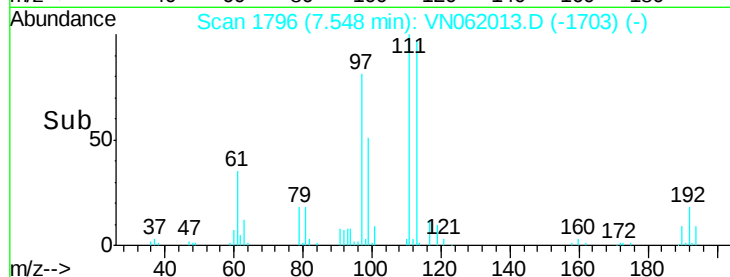
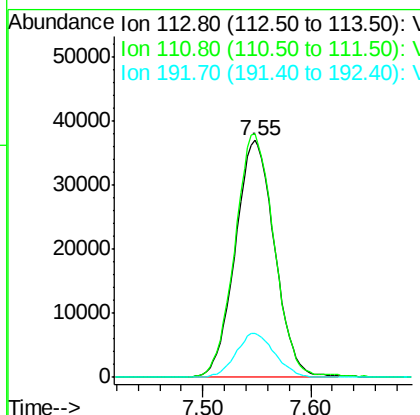
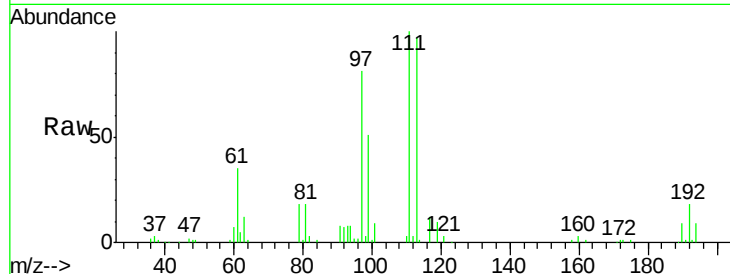
#35
 Dibromofluoromethane
 Concen: 50.337 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	93755		
111	103.2	83.7	125.5	
192	18.3	13.9	20.9	

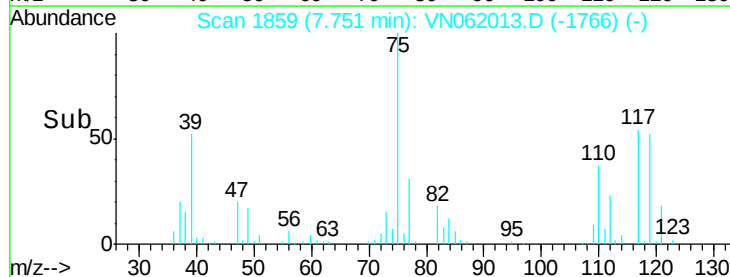
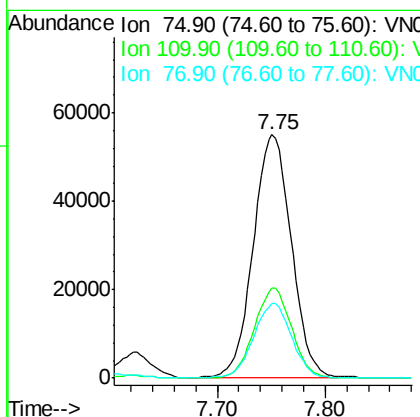
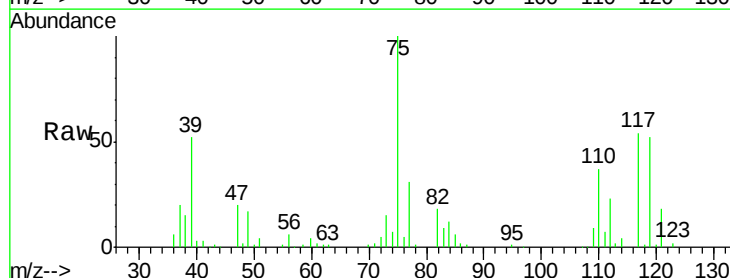
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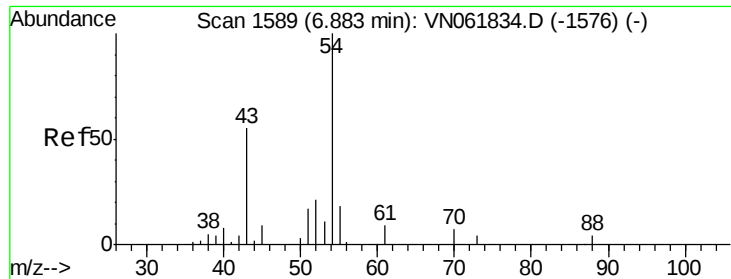
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#36
 1,1-Dichloropropene
 Concen: 50.956 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135314		
110	36.0	18.2	54.6	
77	30.6	24.2	36.4	





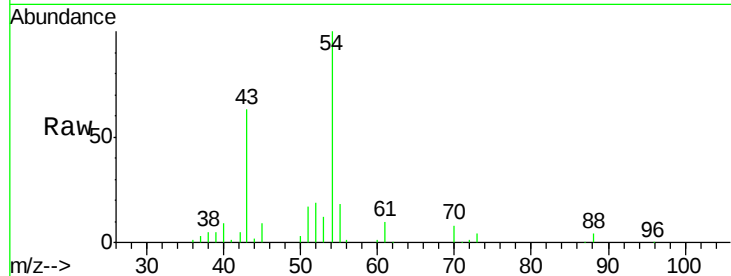
#37
Ethyl Acetate
Concen: 58.251 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

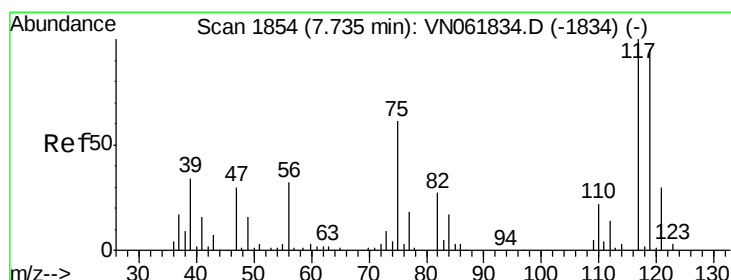
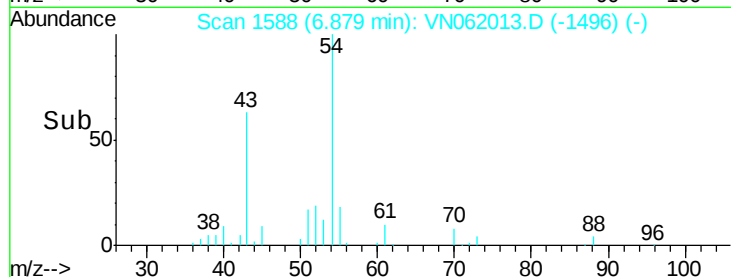
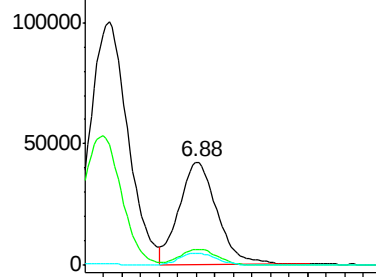
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	13.0	19.4
70	12.1	9.4	14.2

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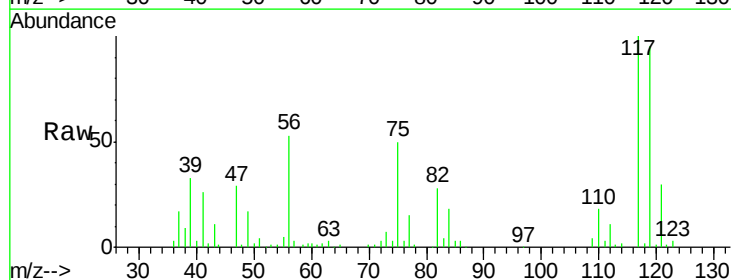


Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1576) (-)

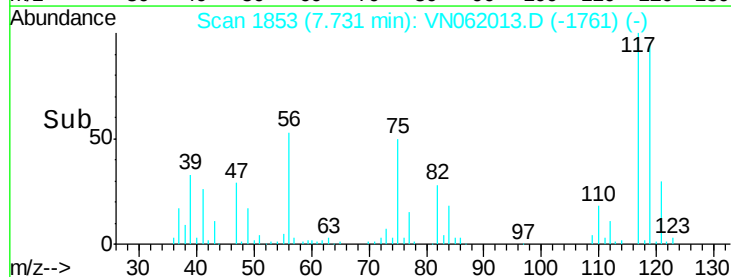
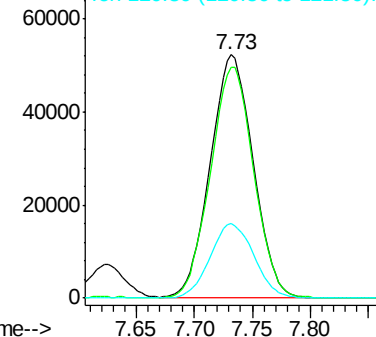


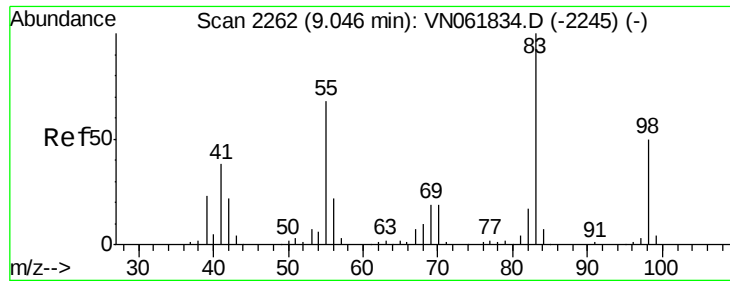
#38
Carbon Tetrachloride
Concen: 50.872 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.6
121	30.6	23.8	35.6



Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-1834) (-)





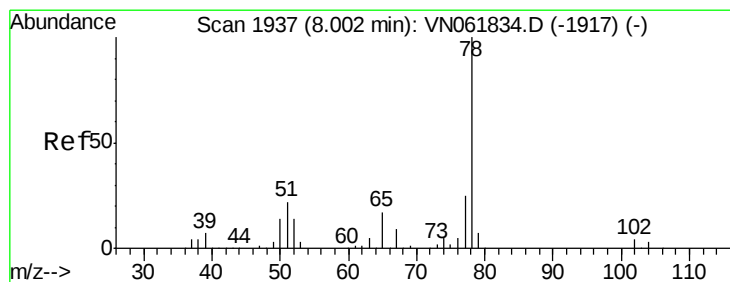
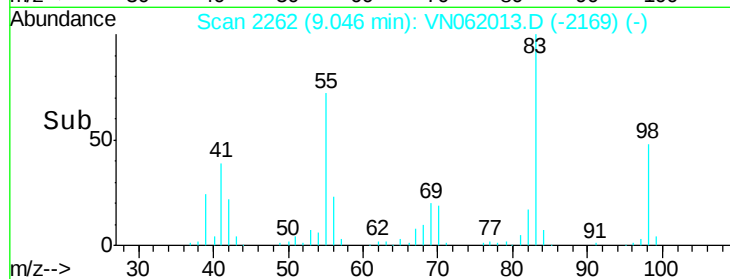
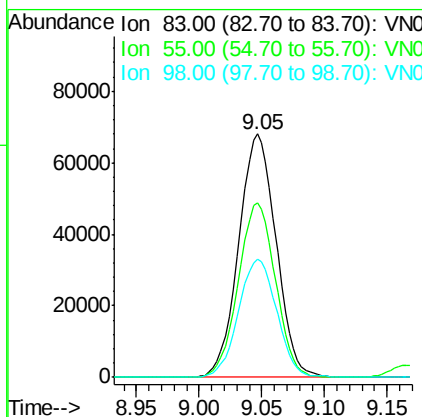
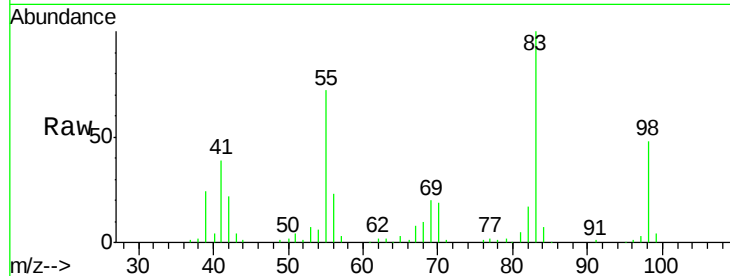
#39
Methylvlcyclohexane
Concen: 49.376 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.8	54.2	81.4
98	48.5	39.8	59.6

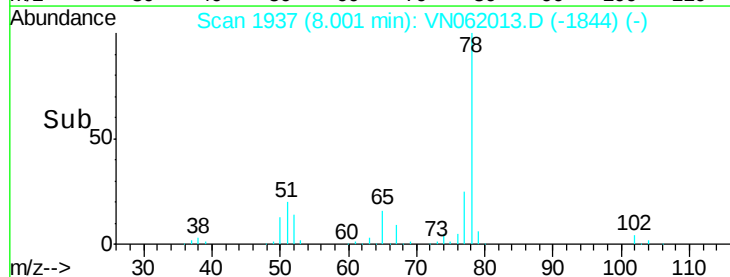
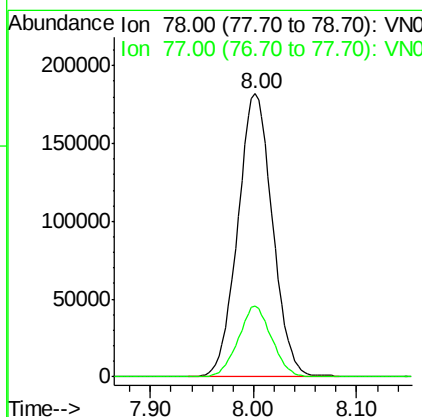
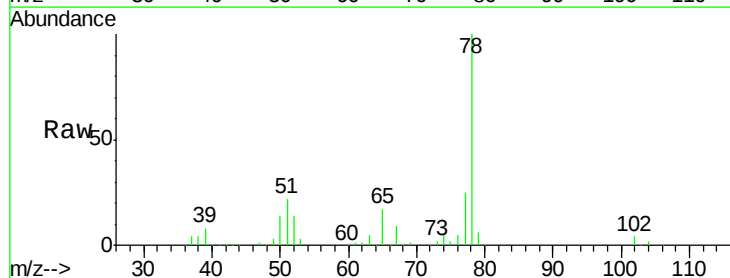
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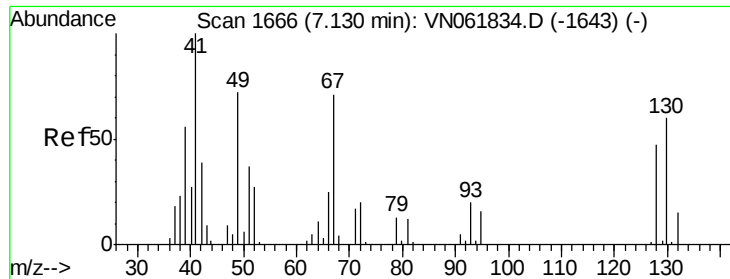
MMDadoda
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#40
Benzene
Concen: 52.991 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.7	29.5





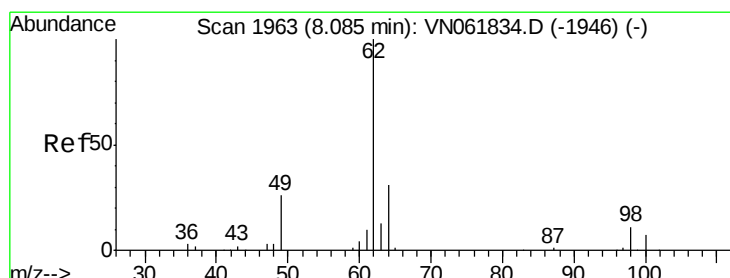
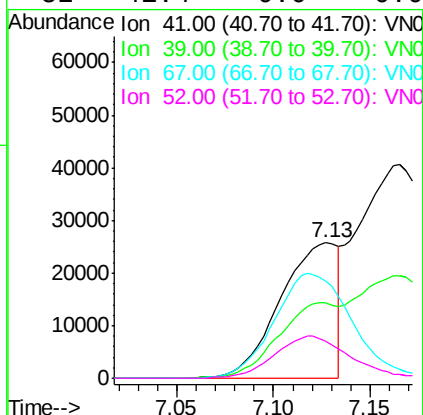
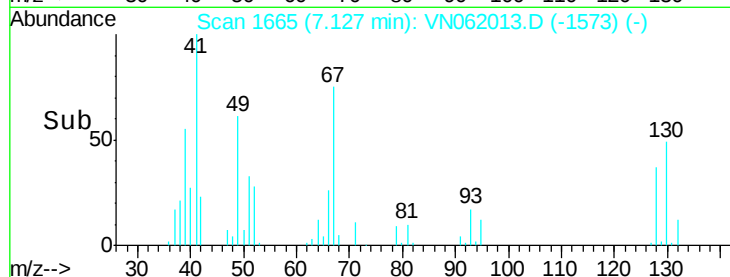
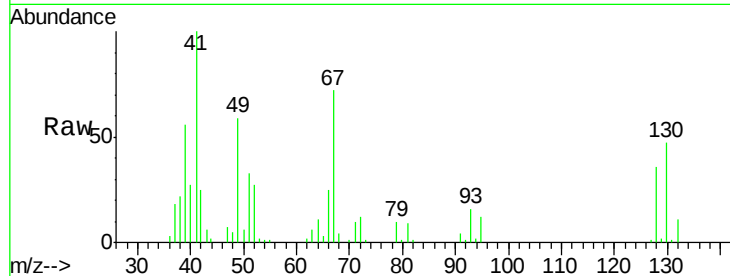
#41
Methacrylonitrile
Concen: 60.097 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		53290		
39	56.6	0.0	0.0#		
67	105.5	0.0	0.0#		
52	41.4	0.0	0.0#		

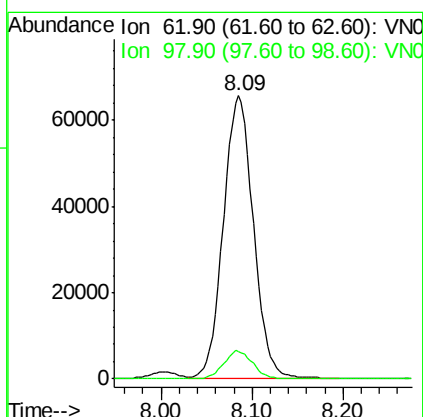
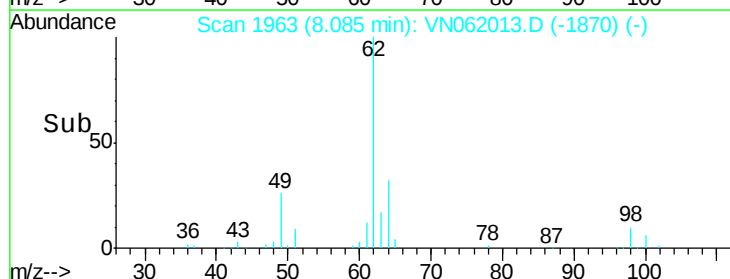
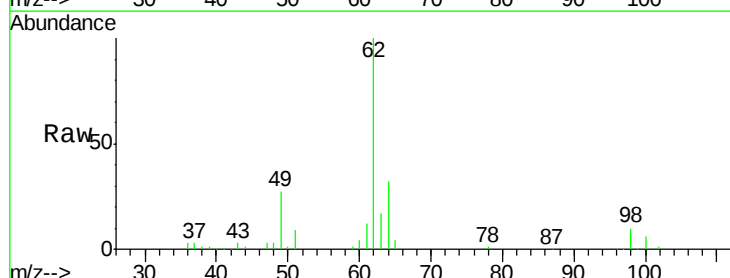
Manual Integrations
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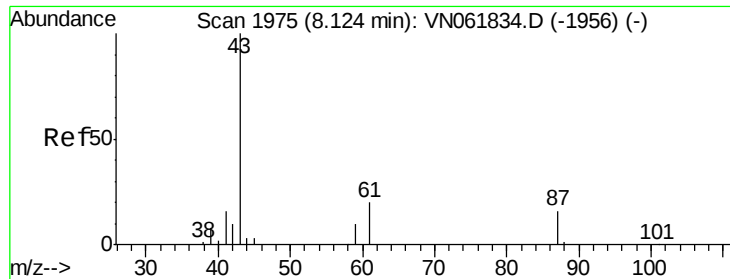
MMDadoda
6/23/2020 12:47:37 PM



#42
1,2-Dichloroethane
Concen: 55.065 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		151033		
98	9.6	0.0	20.4		





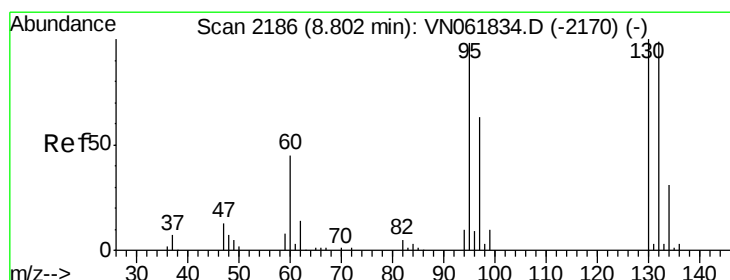
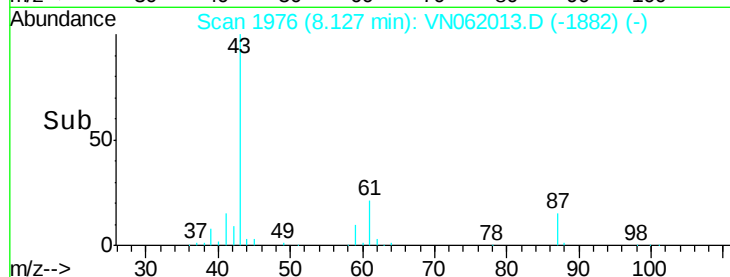
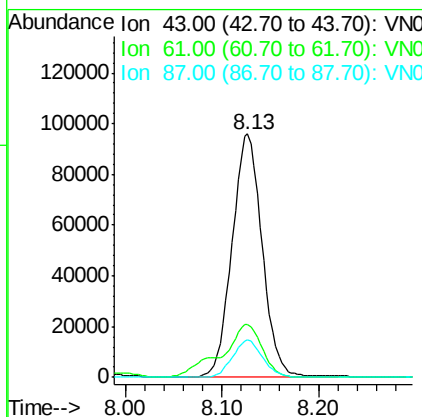
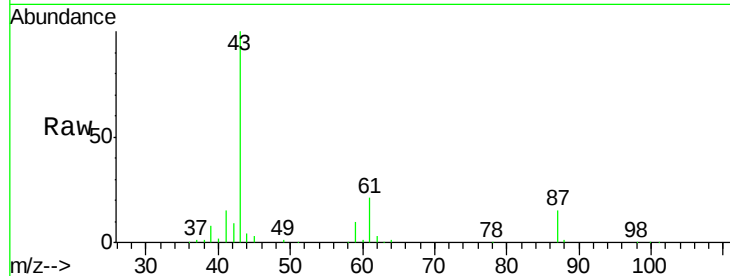
#43
Isopropyl Acetate
Concen: 59.453 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	24.0	36.0#
87	15.1	12.5	18.7

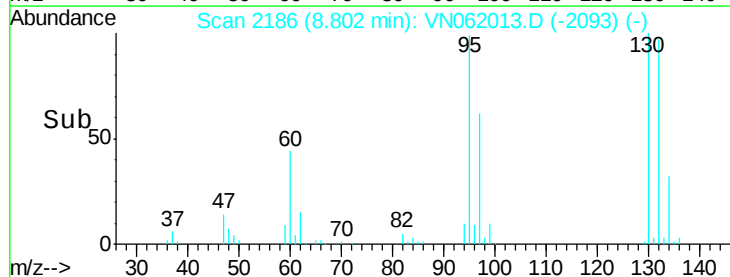
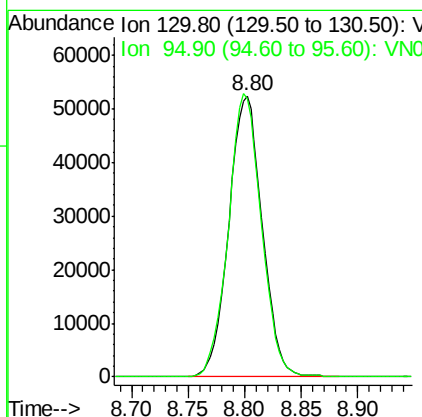
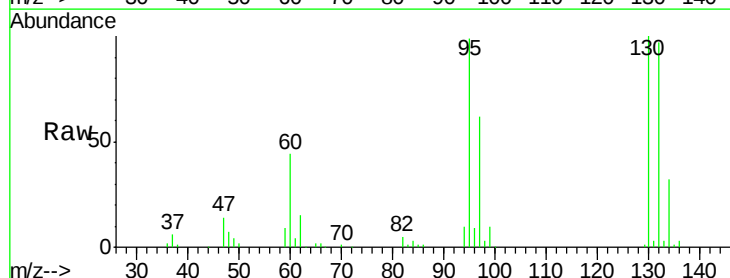
Manual Integrations
APPROVED

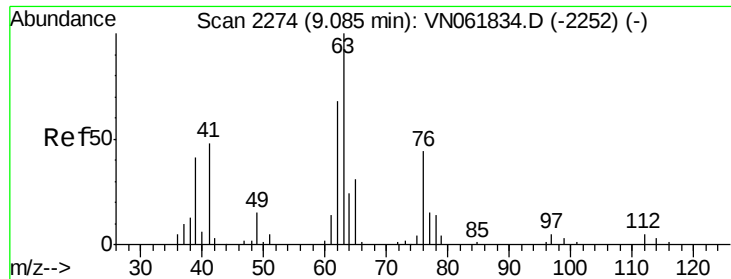
MMDadoda
6/23/2020 12:47:37 PM



#44
Trichloroethene
Concen: 50.888 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	195.6





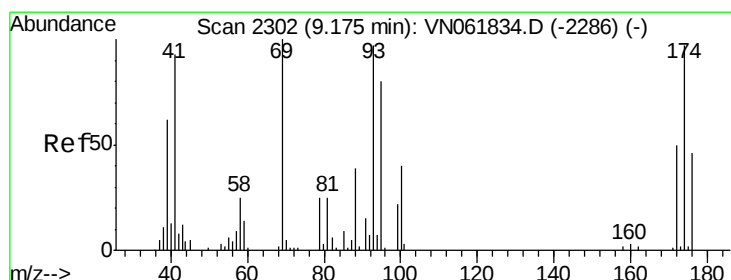
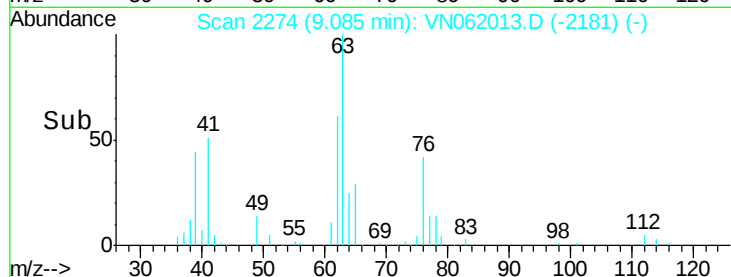
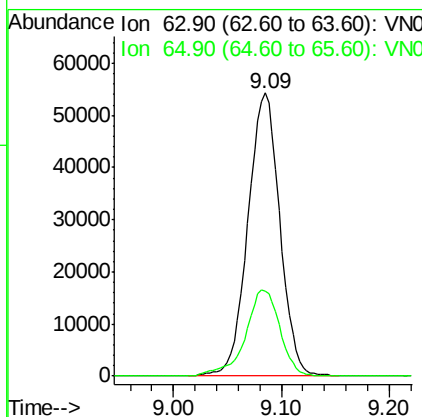
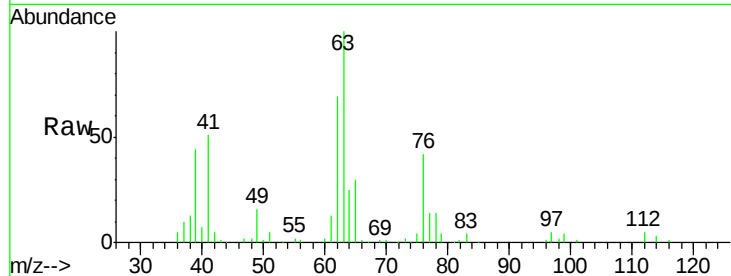
#45
 1,2-Dichloropropane
 Concen: 56.479 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 111650
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.1 37.7

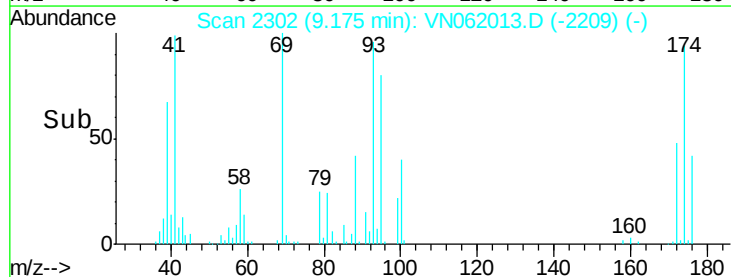
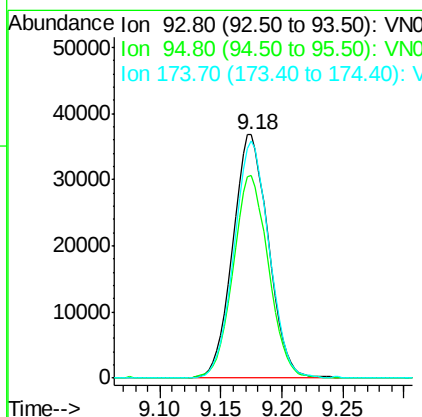
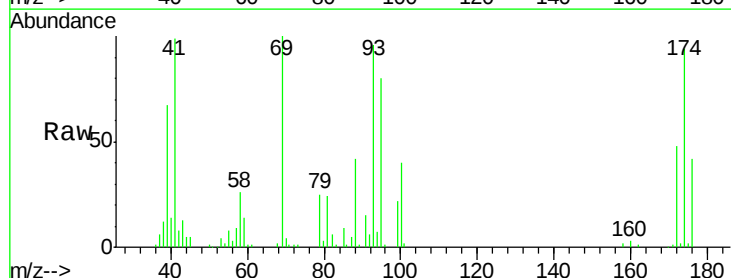
Manual Integrations
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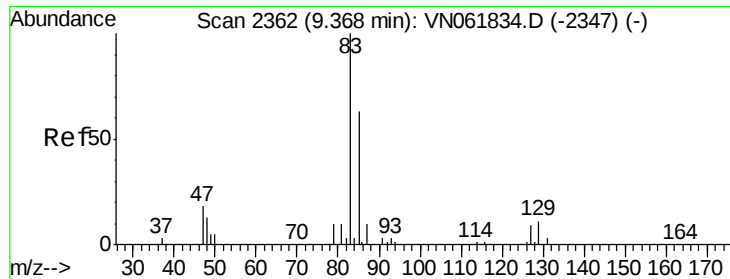
MMDadoda
 6/23/2020 12:47:37 PM



#46
 Dibromomethane
 Concen: 53.643 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion: 93 Resp: 74675
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.6
 174 95.5 78.5 117.7





#47

Bromodichloromethane

Concen: 54.542 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 155472

Ion Ratio Lower Upper

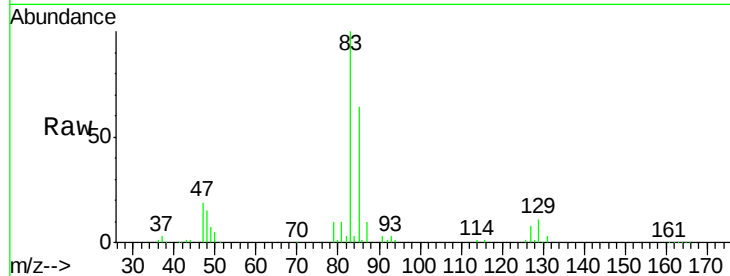
83 100

85 64.3 50.8 76.2

127 8.1 7.0 10.4

Manual Integrations
APPROVED

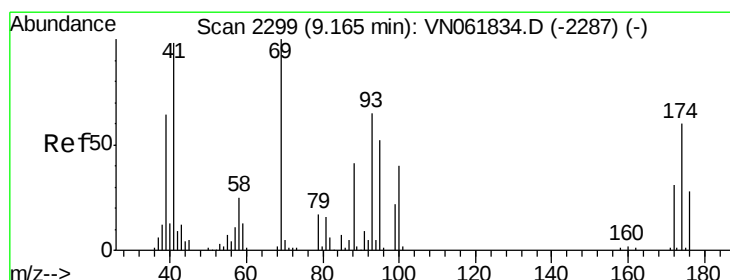
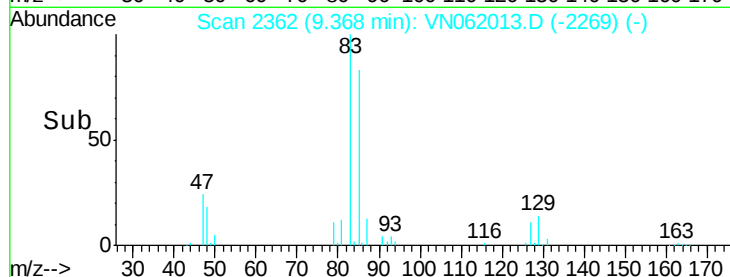
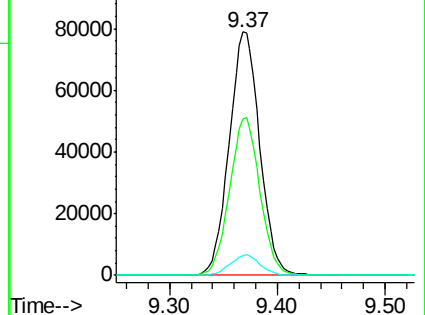
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN062013.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN062013.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN062013.D (-2269) (-)



#48

Methyl methacrylate

Concen: 57.699 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

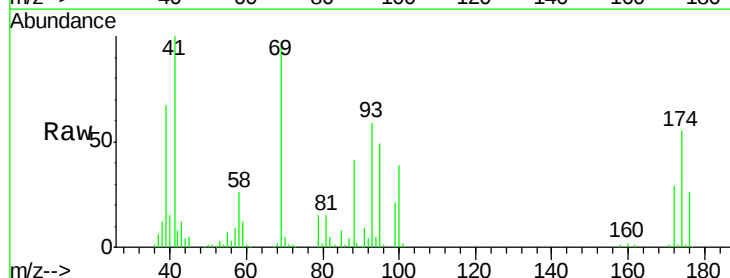
Tgt Ion: 41 Resp: 91698

Ion Ratio Lower Upper

41 100

69 101.5 83.0 124.4

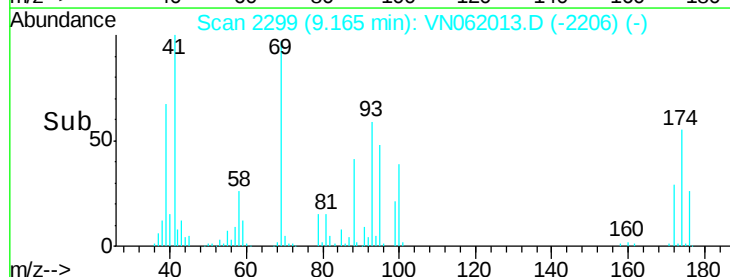
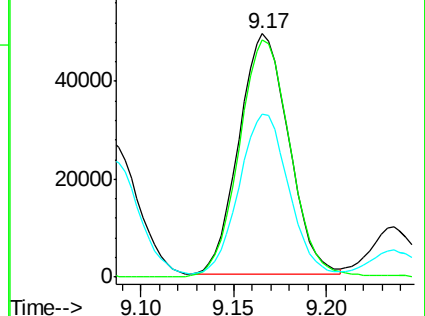
39 68.2 55.1 82.7

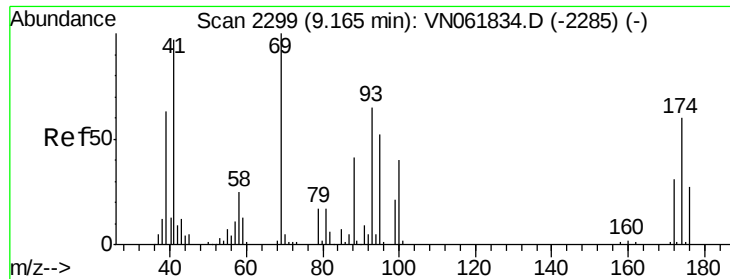


Abundance Ion 41.00 (40.70 to 41.70): VN062013.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062013.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062013.D (-2206) (-)





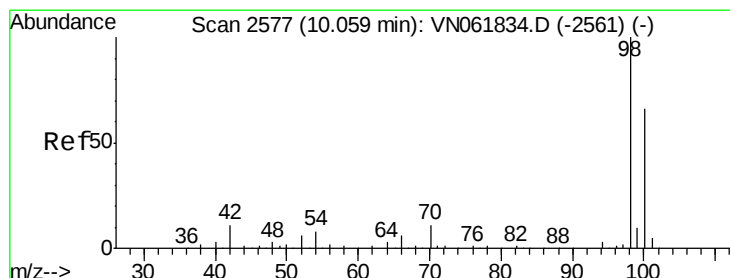
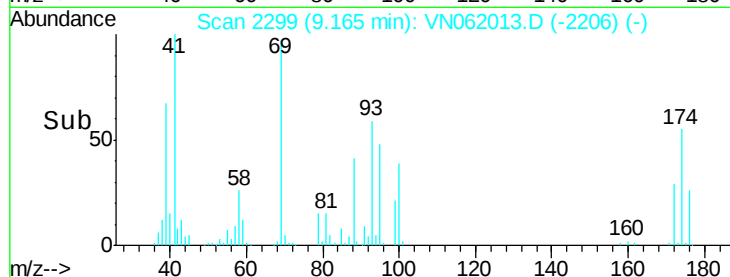
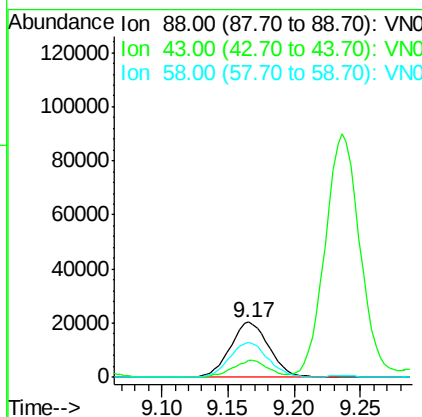
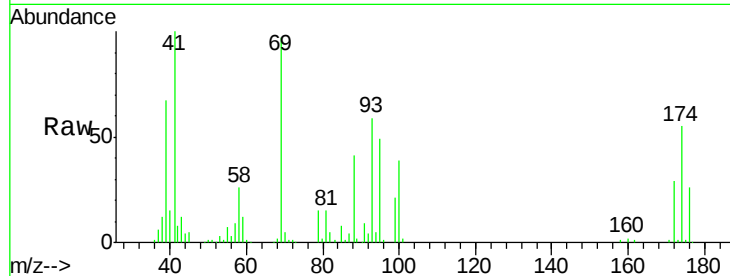
#49
1,4-Dioxane
Concen: 1141.910 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	41665
Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.4	35.2
58	62.7	49.8	74.6

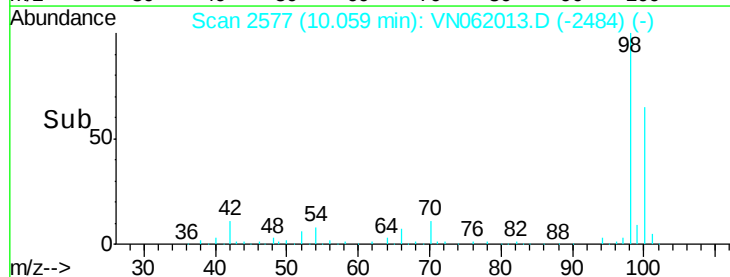
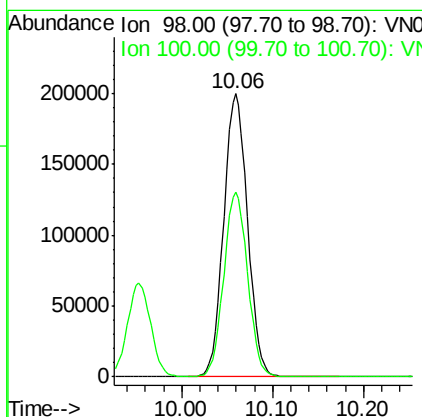
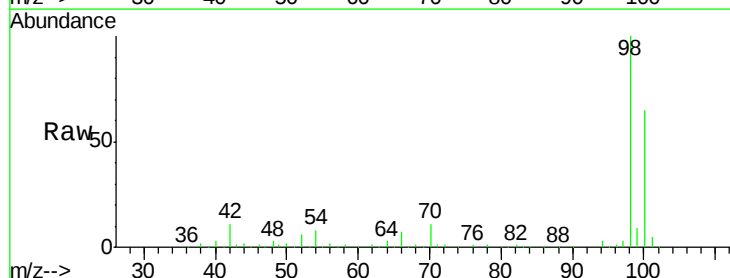
Manual Integrations
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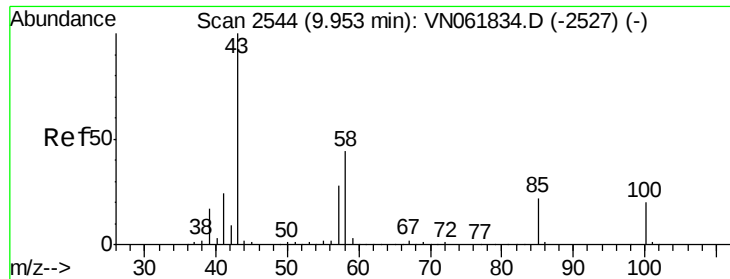
MMDadoda
6/23/2020 12:47:37 PM



#50
Toluene-d8
Concen: 49.710 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	98	Resp	364001
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 300.702 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 620984

Ion Ratio Lower Upper

43 100

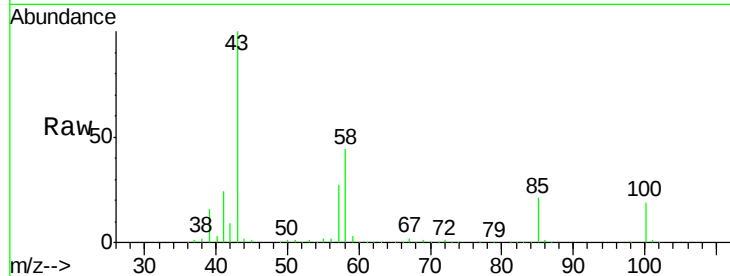
58 43.4 34.6 52.0

Manual Integrations

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6/23/2020 12:47:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

400000

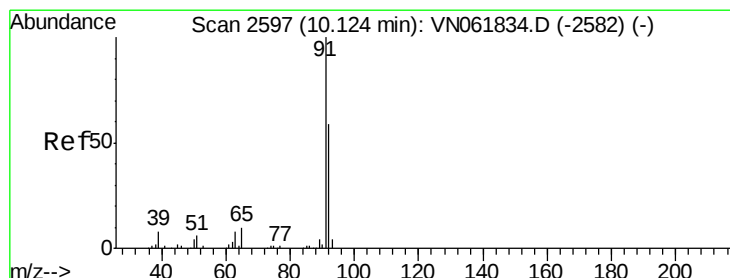
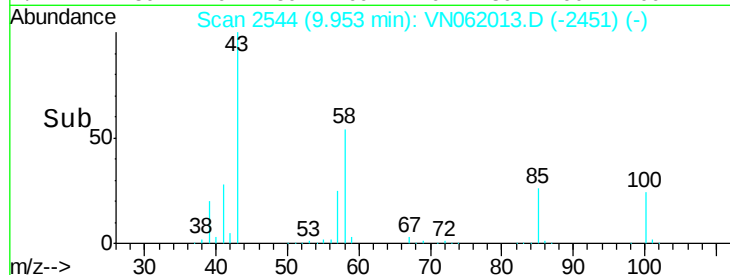
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.360 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062013.D

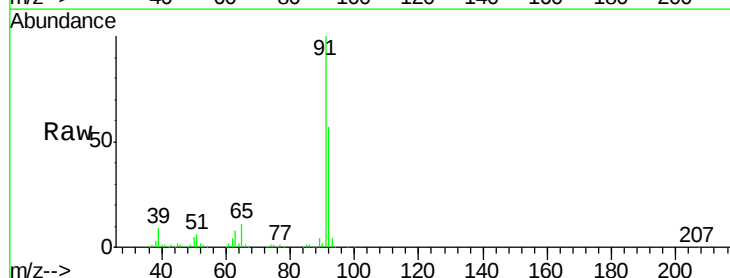
Acq: 22 Jun 2020 20:43

Tgt Ion: 92 Resp: 274623

Ion Ratio Lower Upper

92 100

91 172.7 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

300000

250000

200000

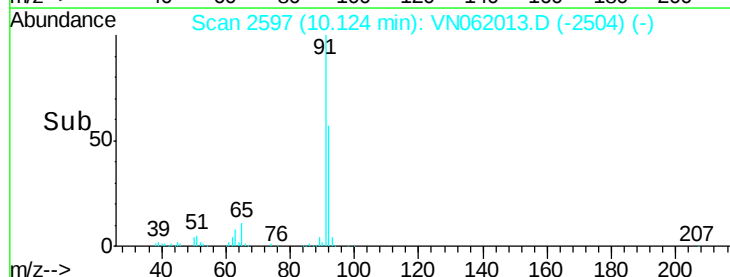
150000

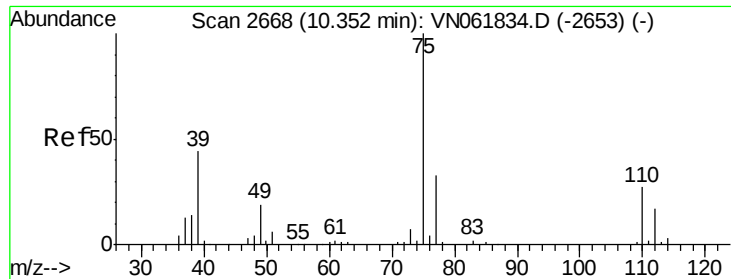
100000

50000

0

Time-->





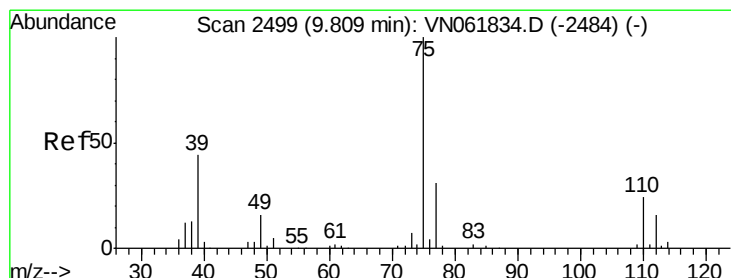
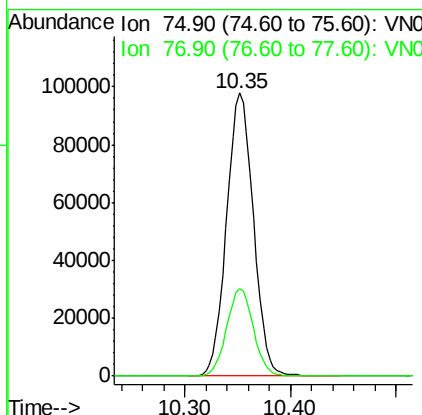
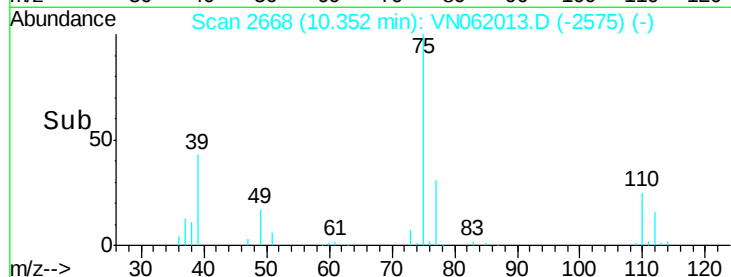
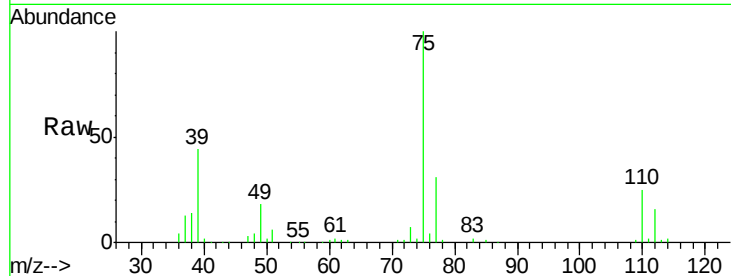
#53
t-1,3-Dichloropropene
Concen: 57.042 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 172610
Ion Ratio Lower Upper
75 100
77 30.8 26.3 39.5

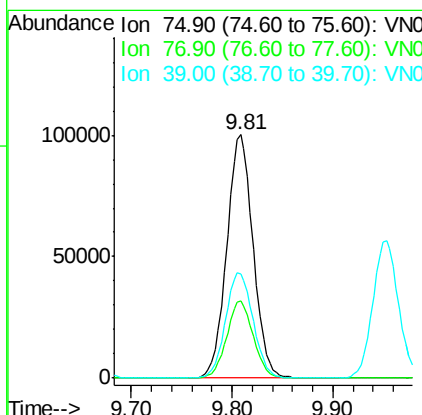
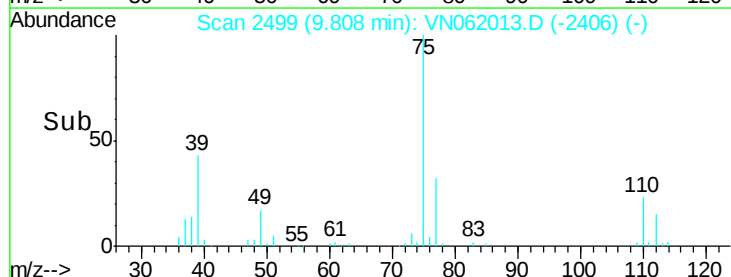
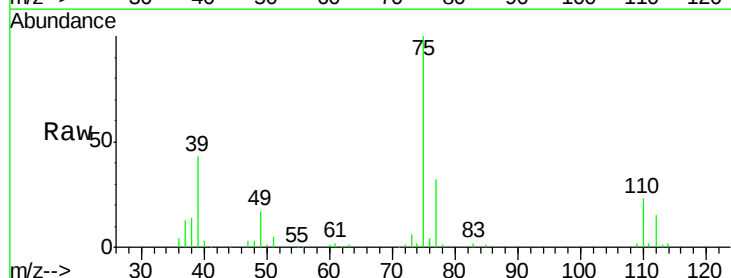
Manual Integrations
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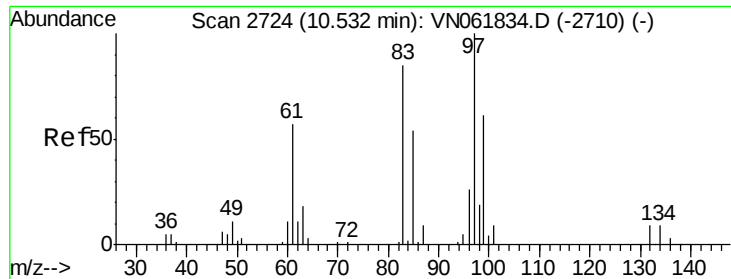
MMDadoda
6/23/2020 12:47:37 PM



#54
cis-1,3-Dichloropropene
Concen: 55.510 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion: 75 Resp: 182448
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 42.9 35.4 53.0





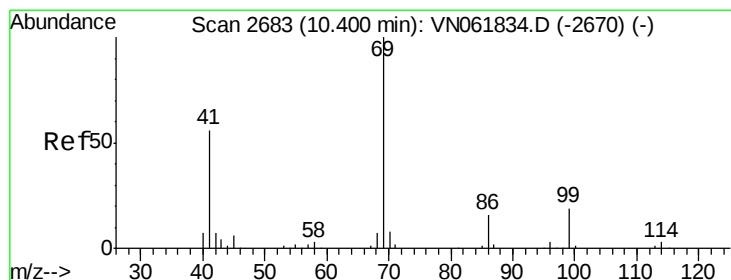
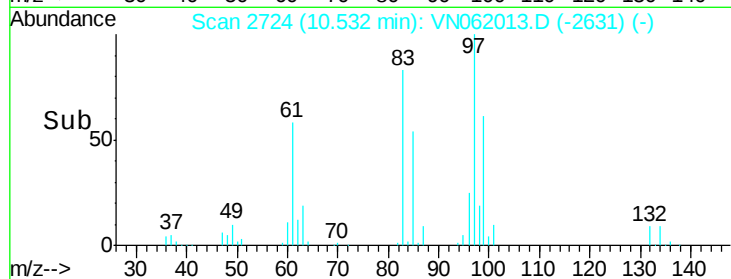
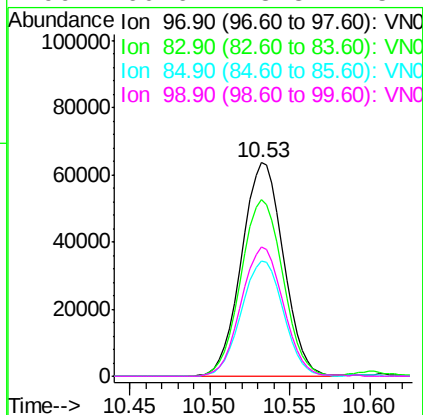
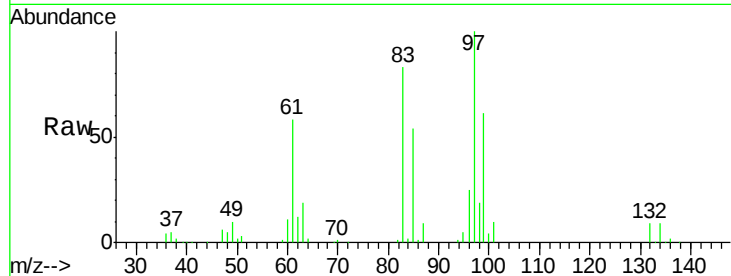
#55
 1,1,2-Trichloroethane
 Concen: 57.383 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	114060
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.7	101.5
85	53.8	43.4	65.0
99	60.6	48.8	73.2

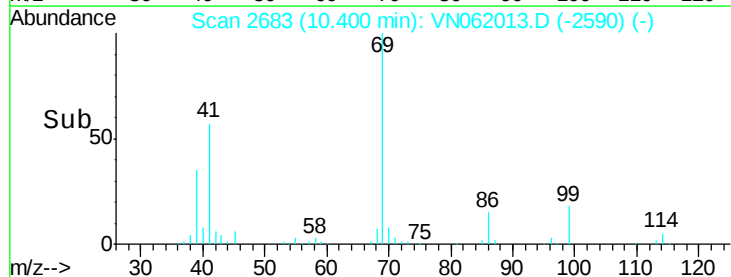
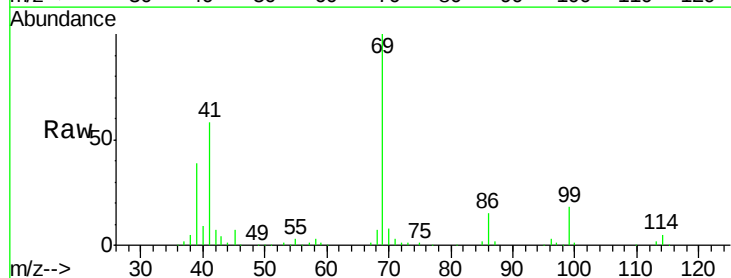
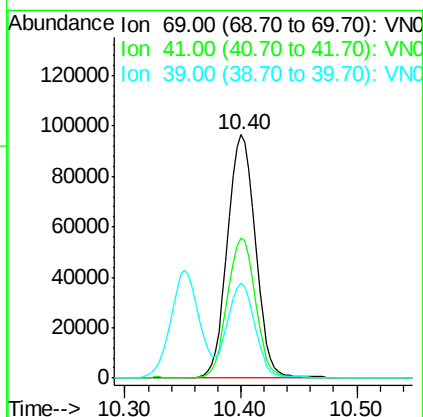
Manual Integrations
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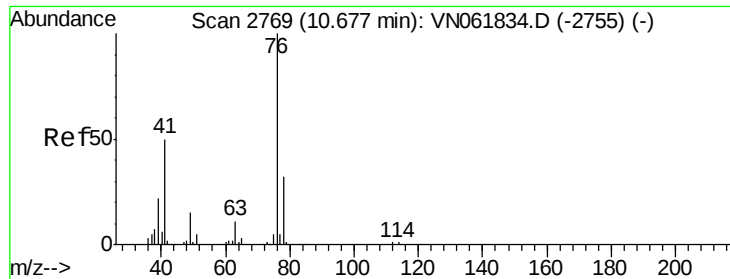
MMDadoda
 6/23/2020 12:47:37 PM



#56
 Ethyl methacrylate
 Concen: 53.116 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion:	69	Resp:	161851
Ion	Ratio	Lower	Upper
69	100		
41	57.4	44.9	67.3
39	37.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 55.884 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 188184

Ion Ratio Lower Upper

76 100

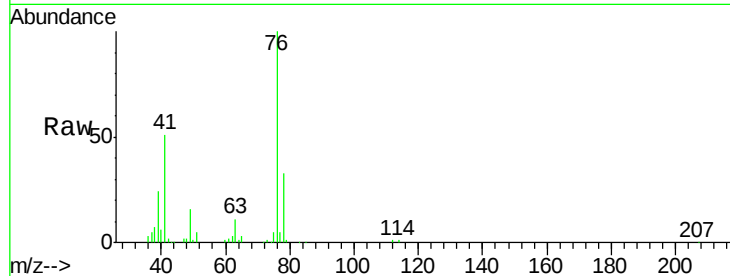
78 32.2 25.8 38.8

Manual Integrations

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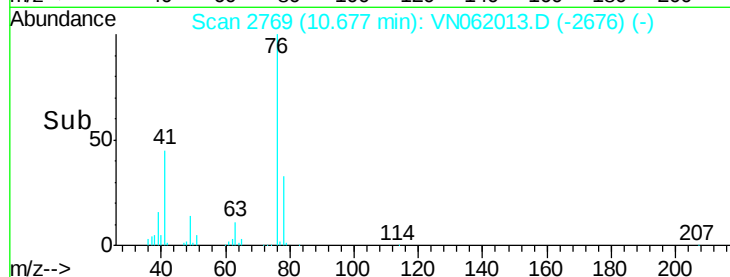


Abundance Ion 75.90 (75.60 to 76.60): VN062013.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062013.D (-2676) (-)

10.68

Time-->



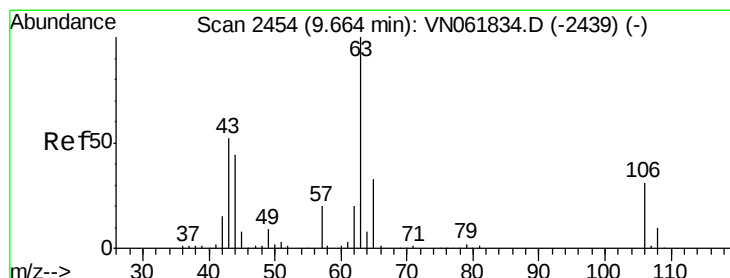
Abundance

Ion 75.90 (75.60 to 76.60): VN062013.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062013.D (-2676) (-)

10.68

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 282.393 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062013.D

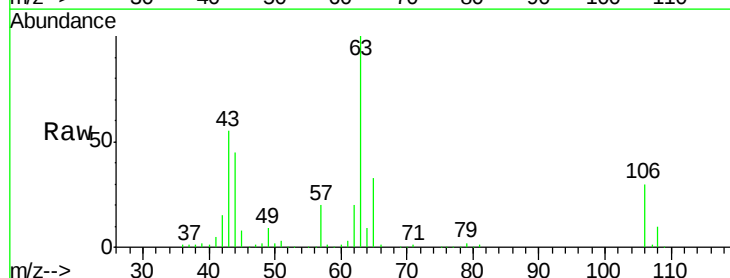
Acq: 22 Jun 2020 20:43

Tgt Ion: 63 Resp: 296239

Ion Ratio Lower Upper

63 100

106 29.5 24.6 36.8

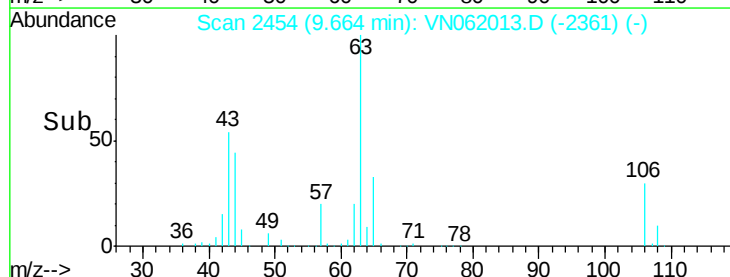


Abundance Ion 62.90 (62.60 to 63.60): VN062013.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062013.D (-2361) (-)

9.66

Time-->



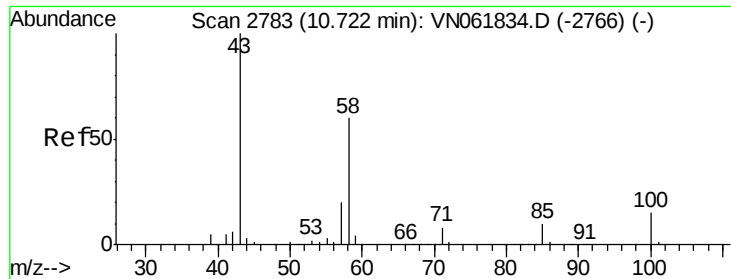
Abundance

Ion 62.90 (62.60 to 63.60): VN062013.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062013.D (-2361) (-)

9.66

Time-->



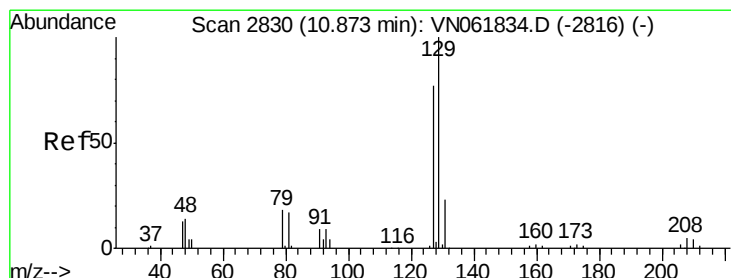
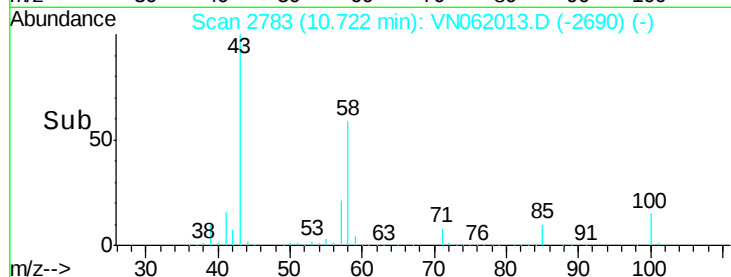
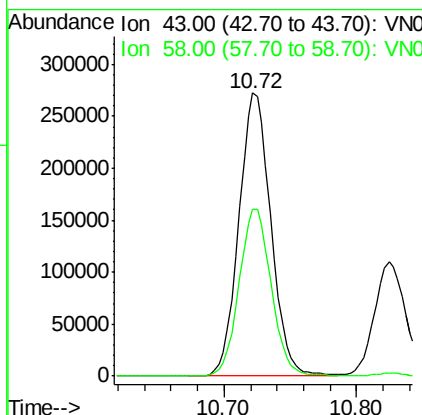
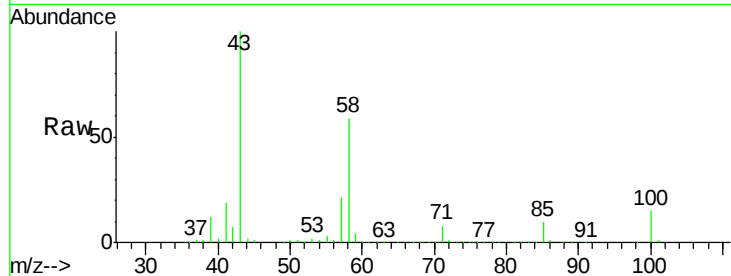
#59
2-Hexanone
Concen: 275.836 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	59.4	30.1			90.5

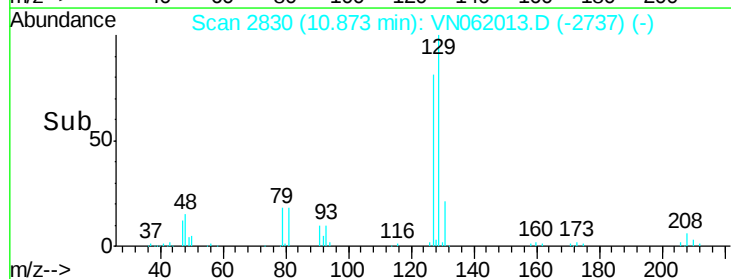
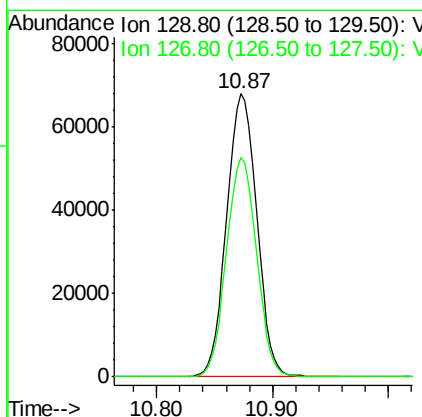
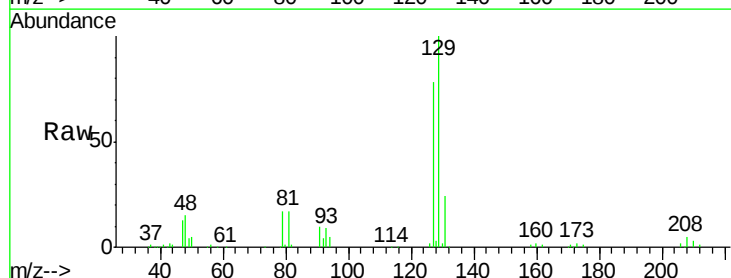
Manual Integrations
APPROVED

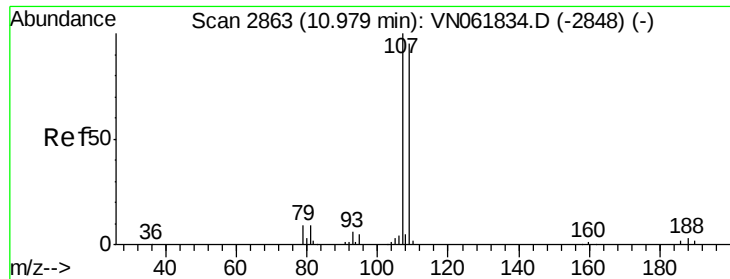
MMDadoda
6/23/2020 12:47:37 PM



#60
Dibromochloromethane
Concen: 55.293 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	129	127	Resp	Lower	Upper
129	100				
127	77.2	38.5			115.5





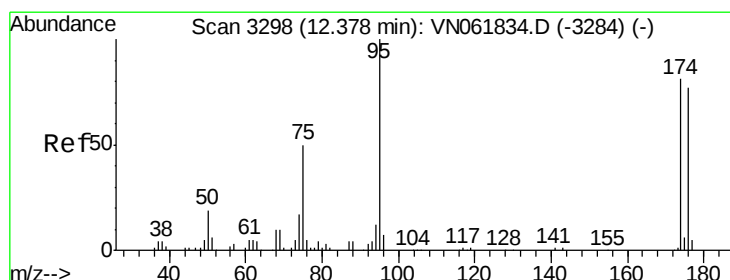
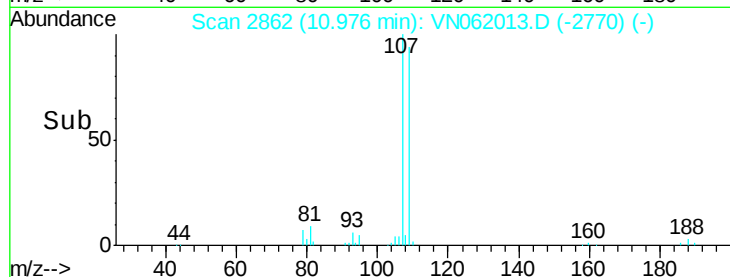
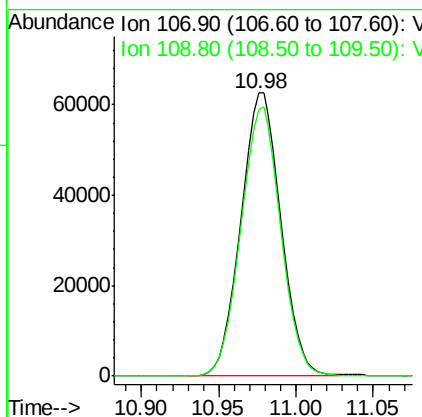
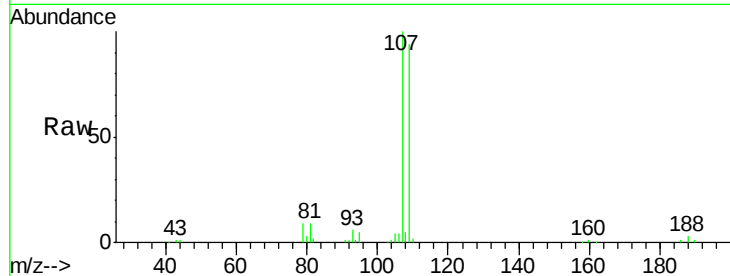
#61
 1,2-Dibromoethane
 Concen: 54.365 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.0	112.6

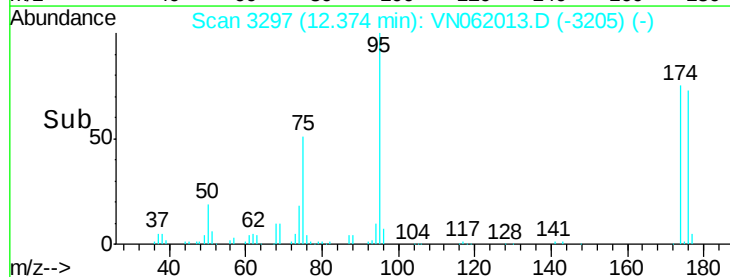
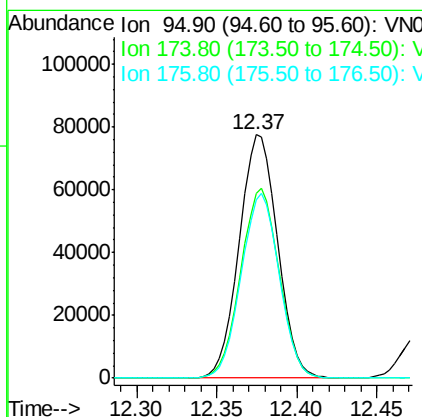
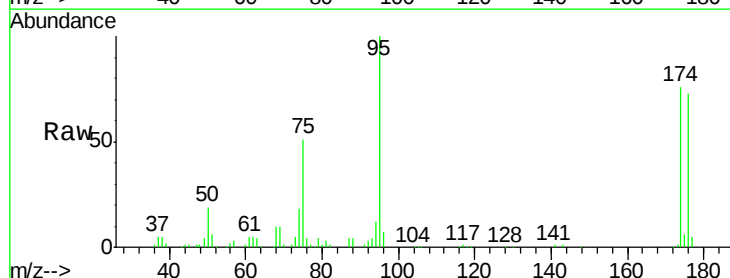
Manual Integrations
 APPROVED

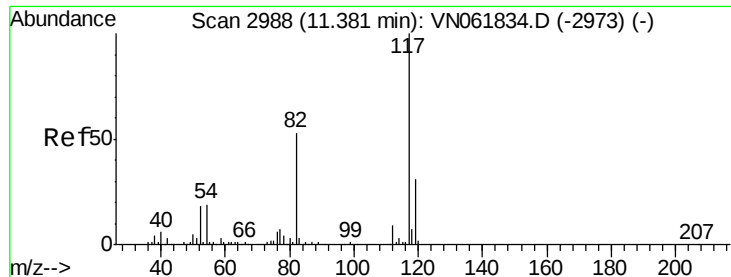
MMDadoda
 6/23/2020 12:47:37 PM



#62
 4-Bromofluorobenzene
 Concen: 50.673 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	158.6
176	75.3	0.0	152.0





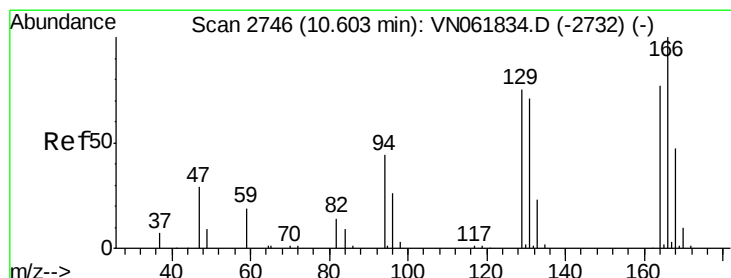
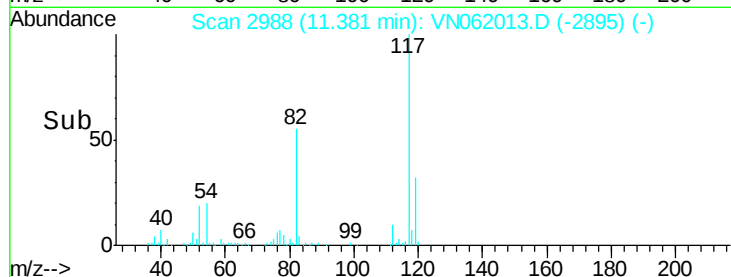
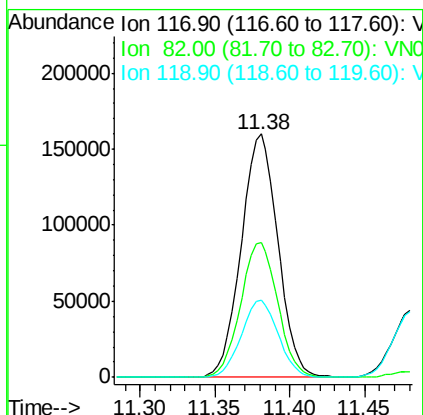
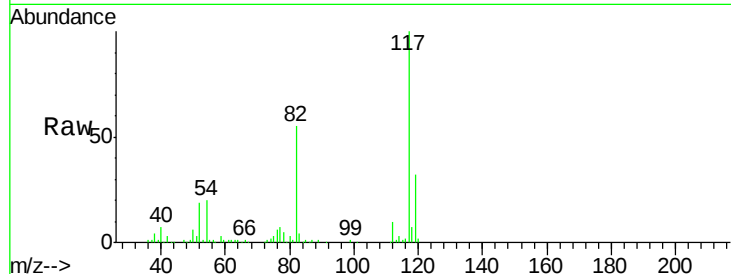
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.6	64.0
119	31.6	24.7	37.1

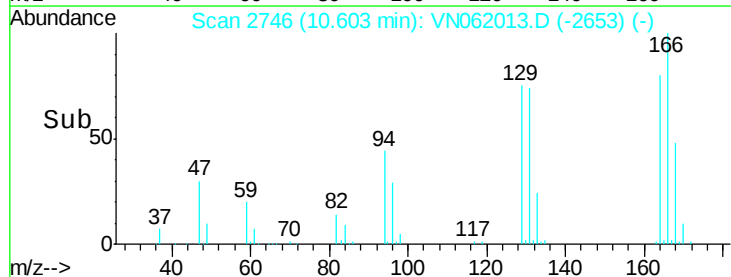
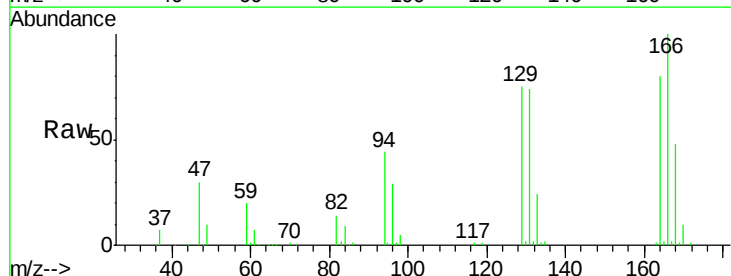
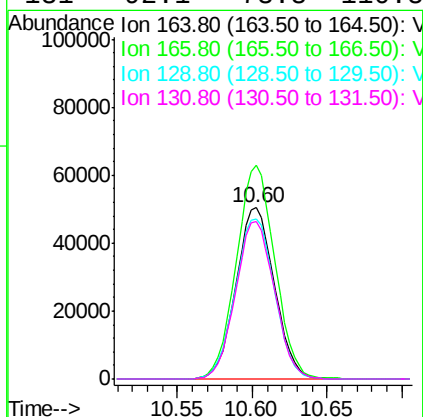
Manual Integrations
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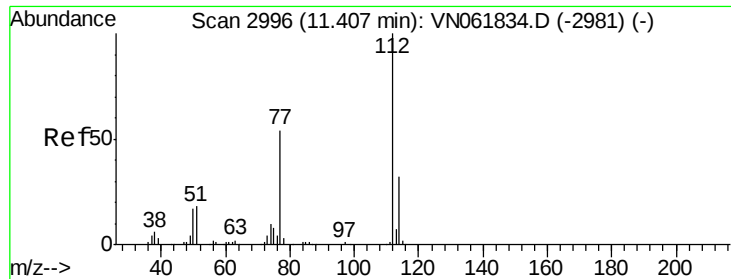
MMDadoda
6/23/2020 12:47:37 PM



#64
Tetrachloroethene
Concen: 51.789 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	103.5	155.3
129	93.5	77.5	116.3
131	92.1	73.8	110.8





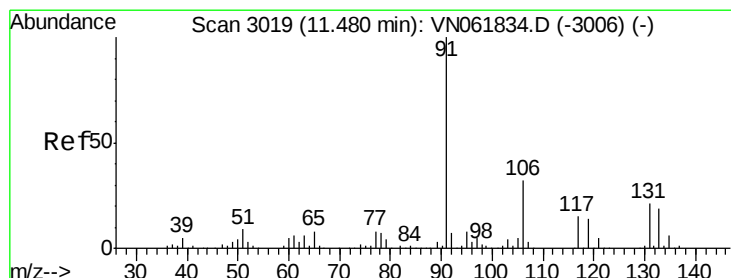
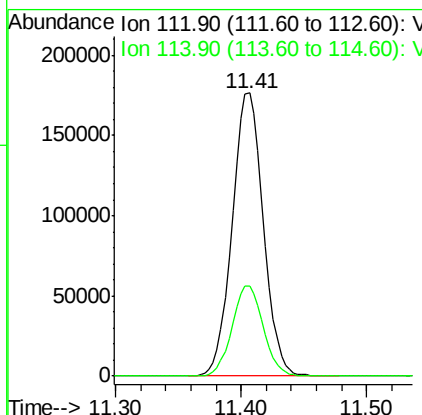
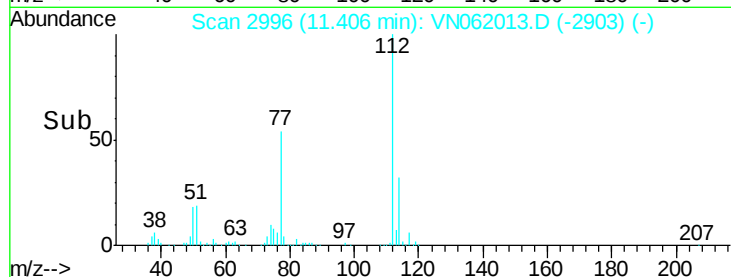
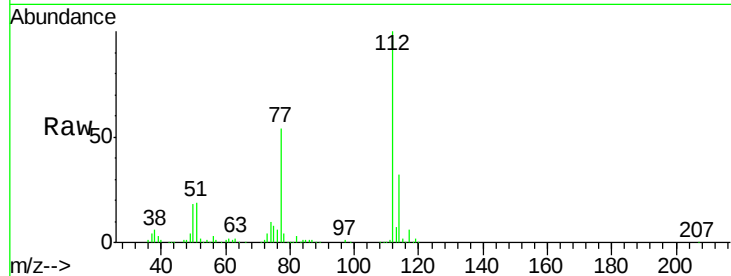
#65
Chlorobenzene
Concen: 52.701 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 303703
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

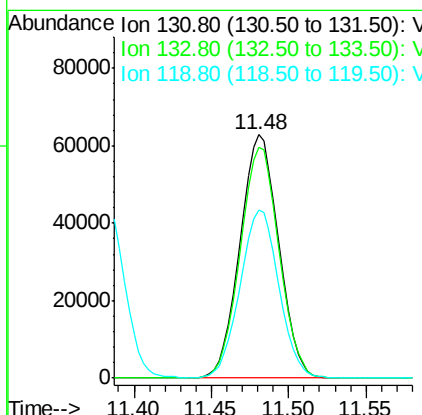
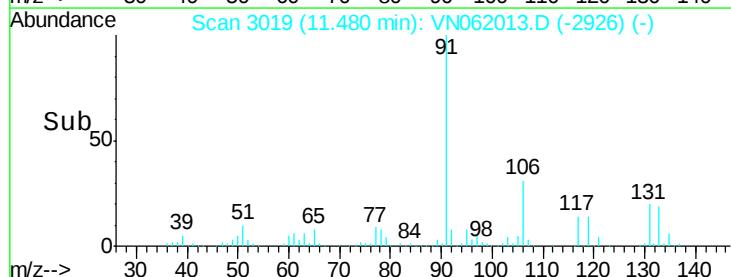
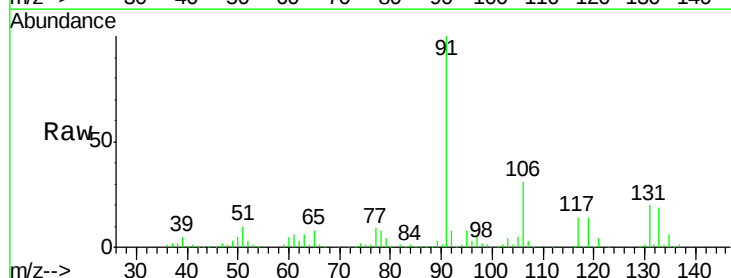
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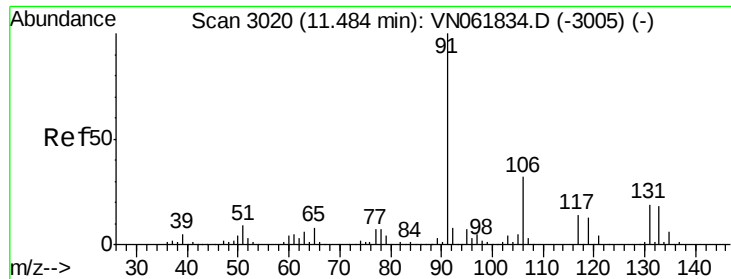
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.415 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion:131 Resp: 109367
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 69.5 34.0 101.8





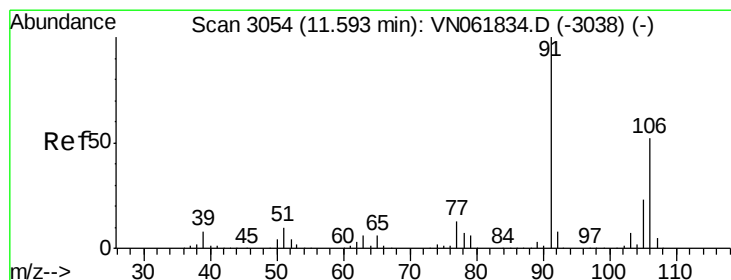
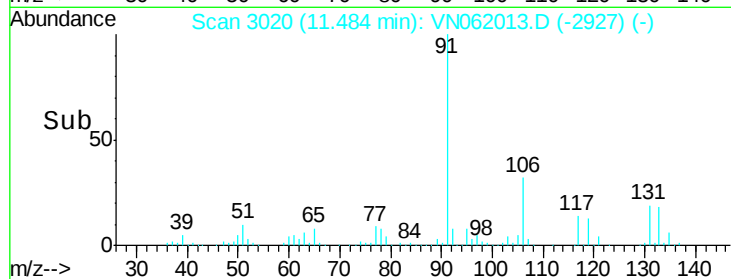
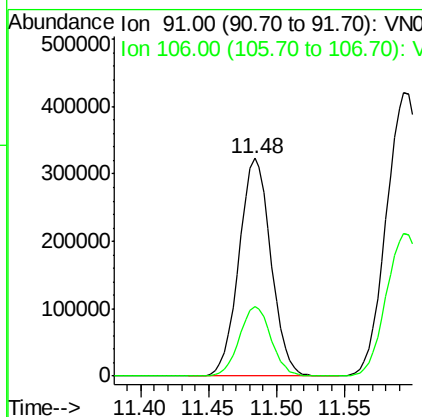
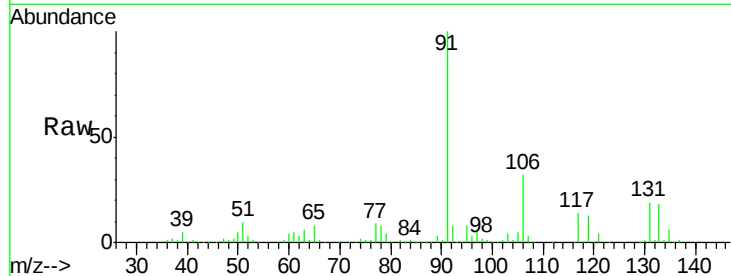
#67
Ethyl Benzene
Concen: 54.522 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 526795
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

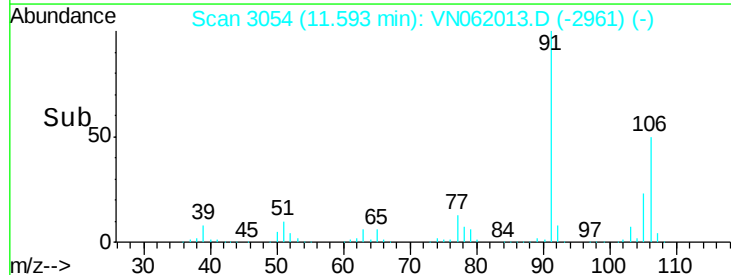
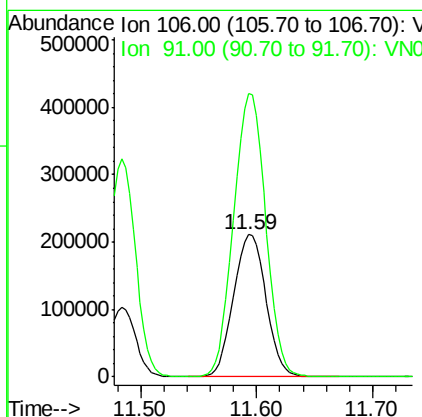
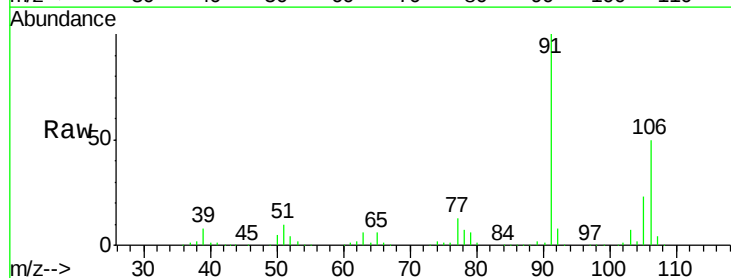
Manual Integrations
APPROVED

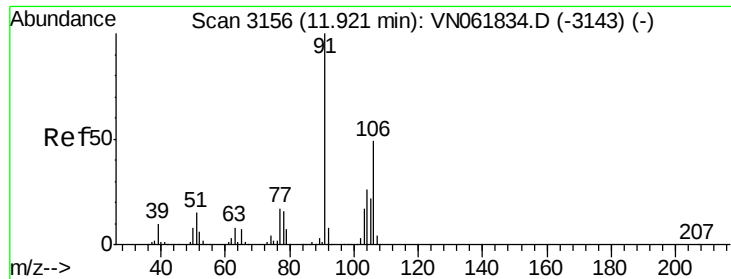
MMDadoda
6/23/2020 12:47:37 PM



#68
m/p-Xylenes
Concen: 109.474 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion: 106 Resp: 407870
Ion Ratio Lower Upper
106 100
91 197.1 157.0 235.6





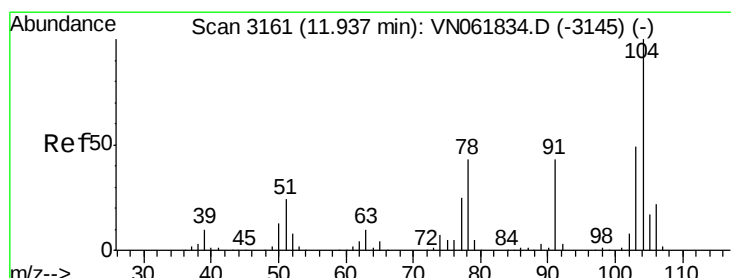
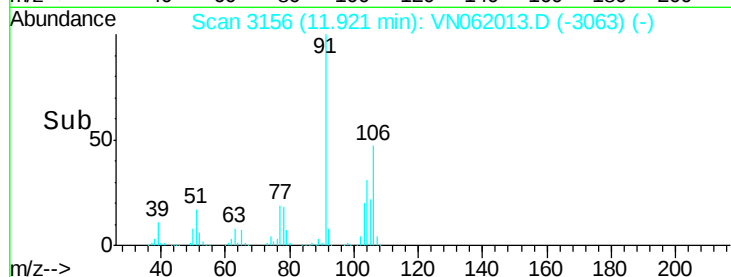
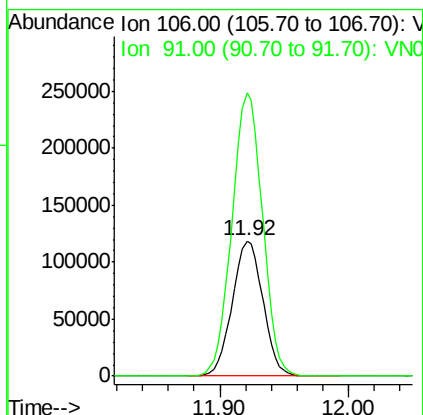
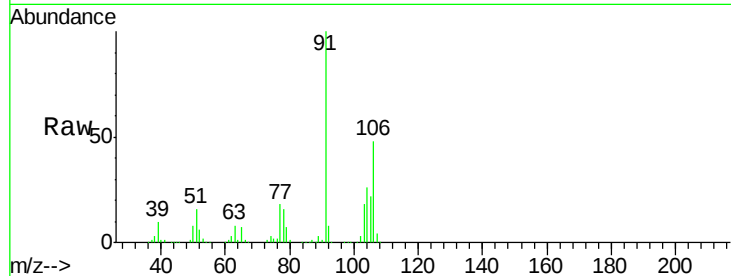
#69
o-Xylene
Concen: 55.192 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.3	103.0	308.9	

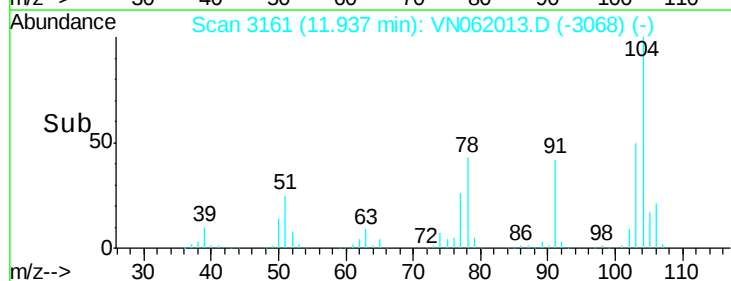
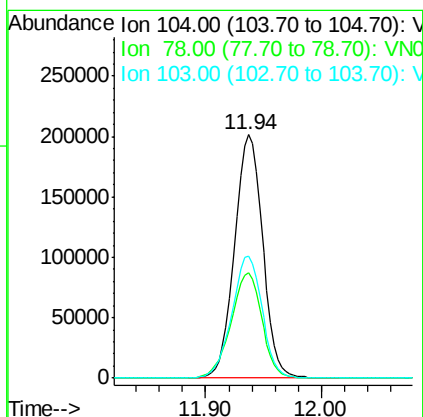
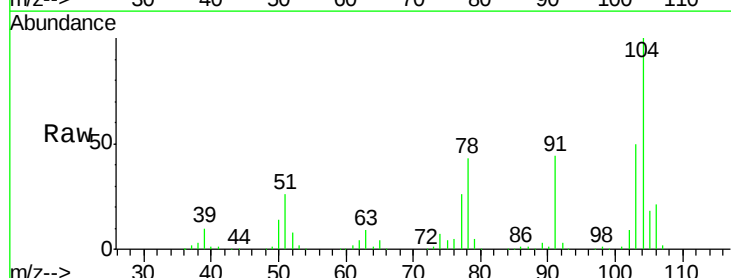
Manual Integrations
APPROVED

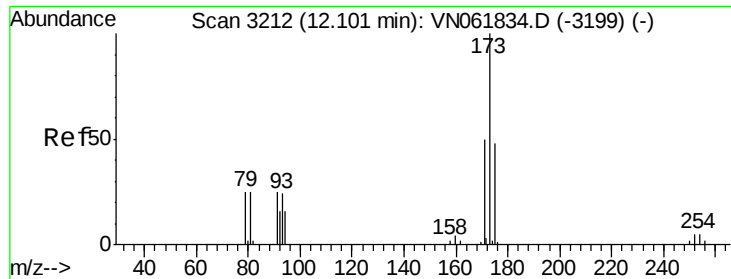
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#70
Styrene
Concen: 56.815 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	37.6	56.4	
103	54.1	43.0	64.4	





#71

Bromoform

Concen: 55.389 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

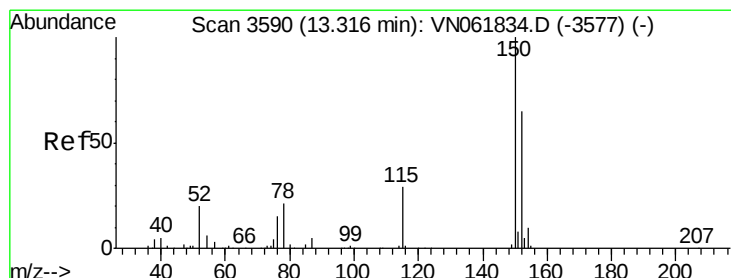
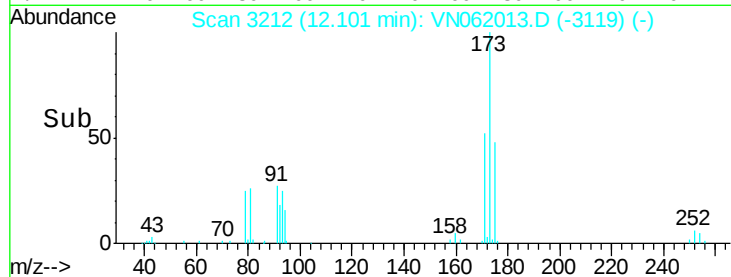
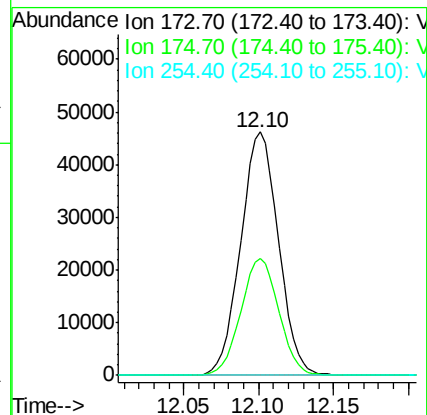
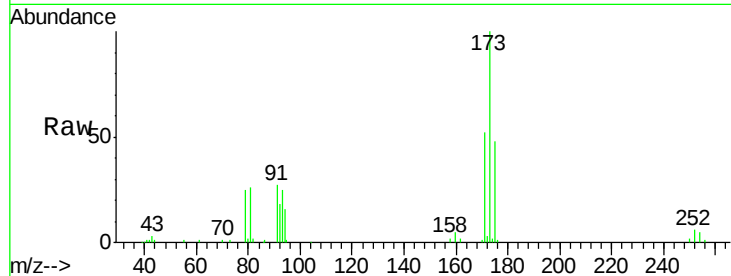
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	81171
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.9	71.7
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

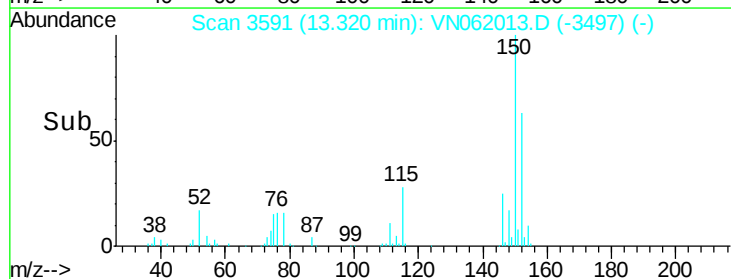
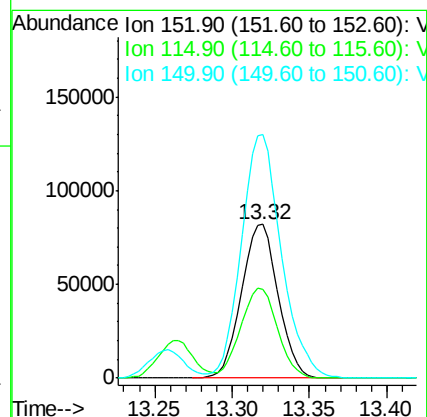
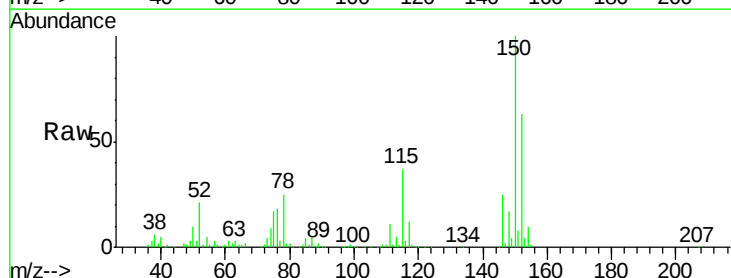
RT: 13.32 min Scan# 3591

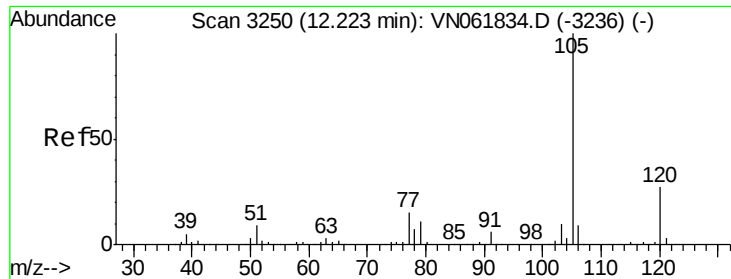
Delta R.T. 0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Tgt Ion:	152	Resp:	134964
Ion Ratio	Lower	Upper	
152	100		
115	59.2	29.1	87.3
150	173.2	0.0	347.6





#73

Isopropylbenzene

Concen: 54.144 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 519275

Ion Ratio Lower Upper

105 100

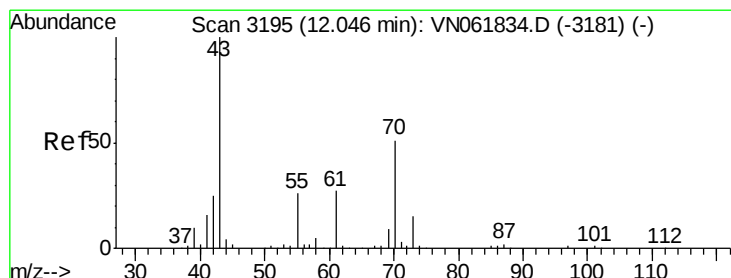
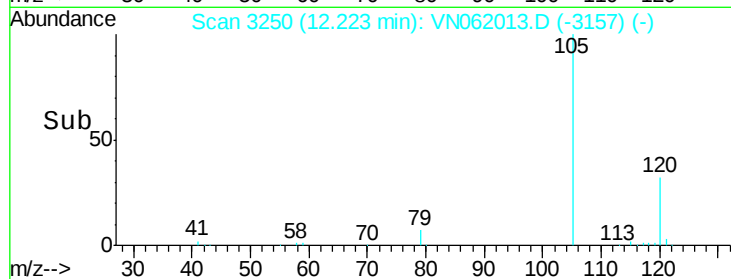
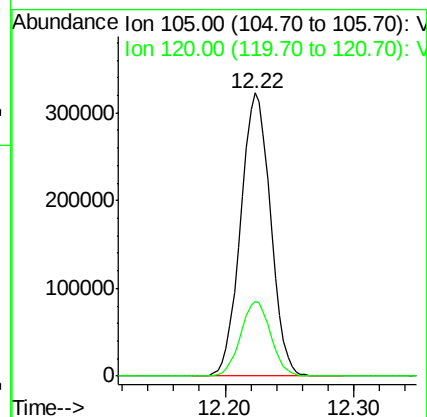
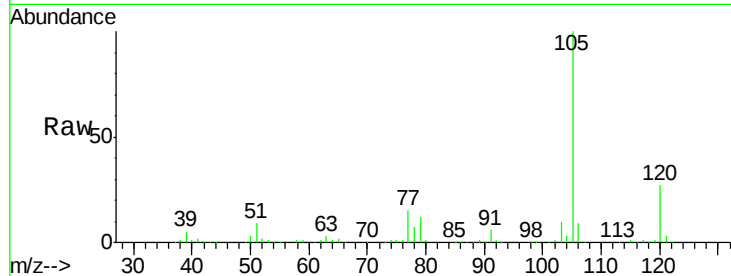
120 26.5 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.552 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Tgt Ion: 43 Resp: 183103

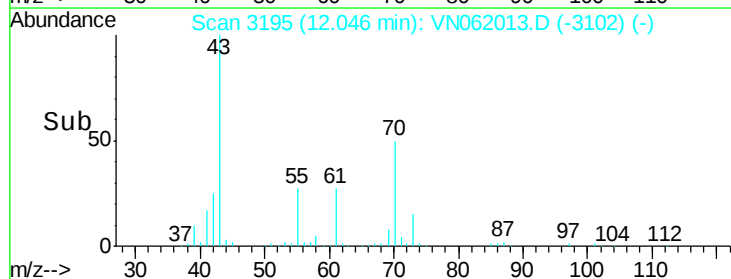
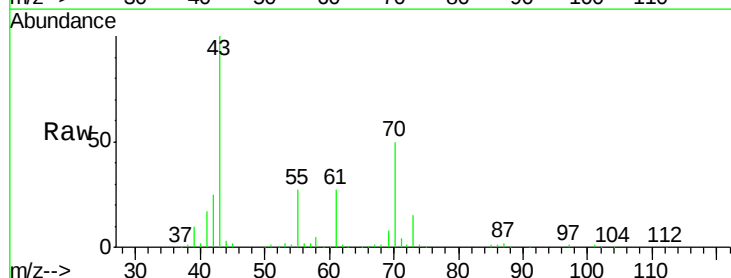
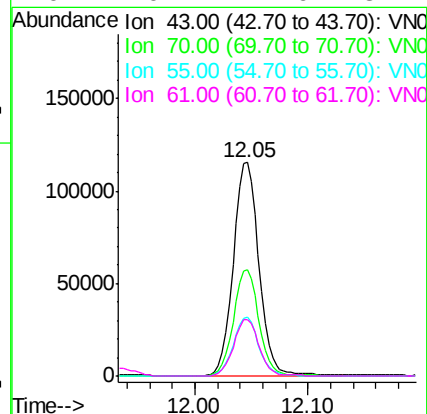
Ion Ratio Lower Upper

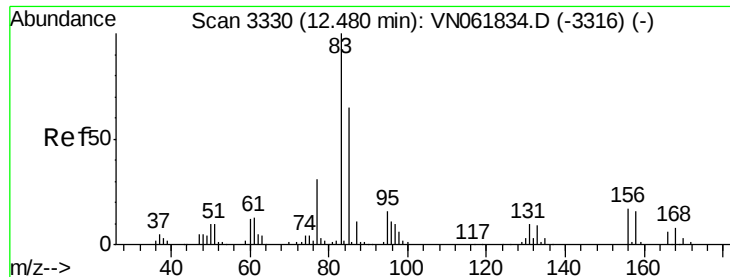
43 100

70 49.0 40.6 60.8

55 27.2 21.5 32.3

61 26.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.066 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

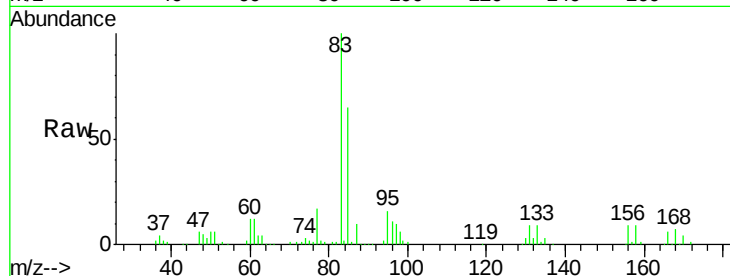
ClientSampleId :

VSTDCCC050EC

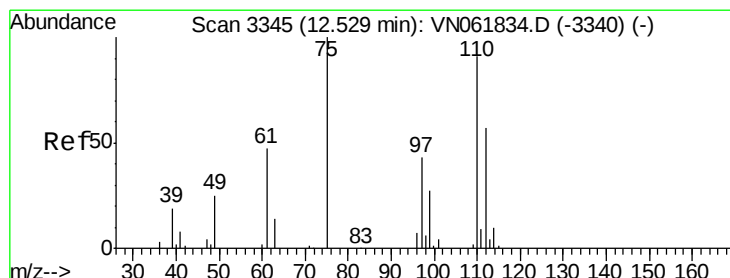
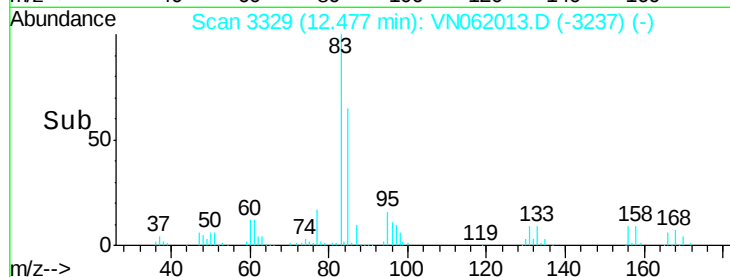
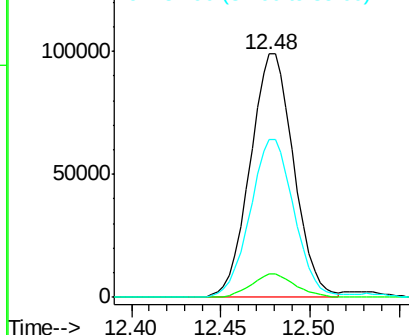
Tot Ion:	83	Resp:	168586
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	65.2	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 52.636 ug/l m

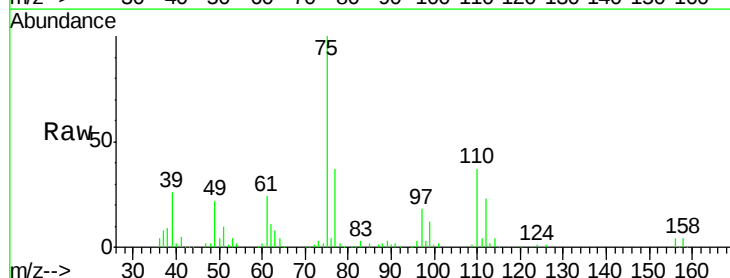
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

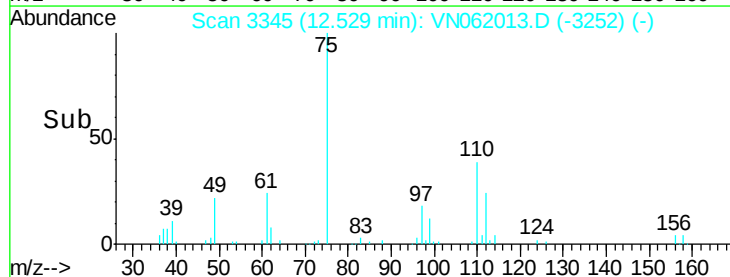
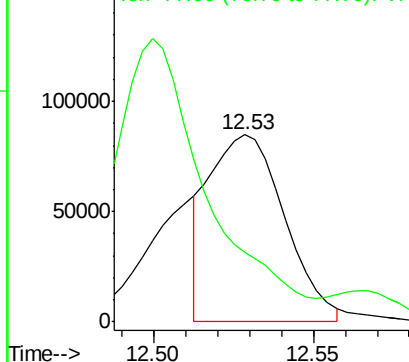
Lab File: VN062013.D

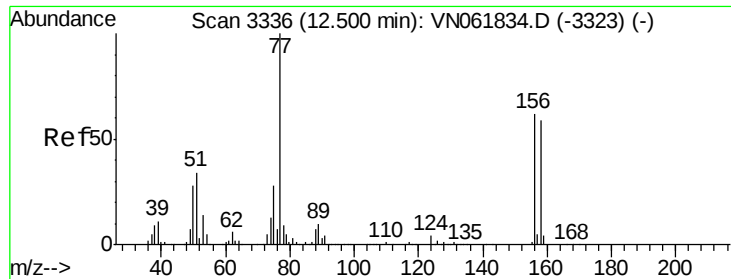
Acq: 22 Jun 2020 20:43

Tgt Ion:	75	Resp:	139469
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.923 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Instrument :

MSVOA_N

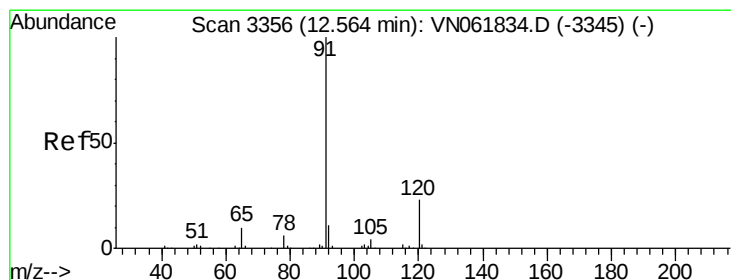
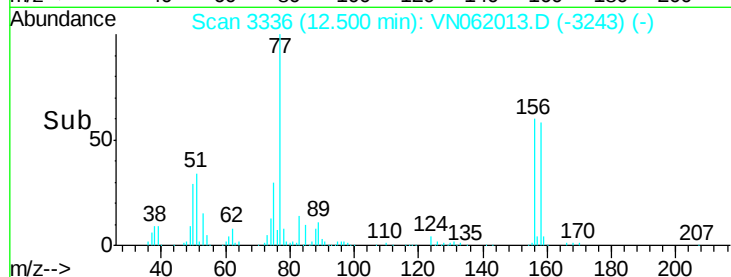
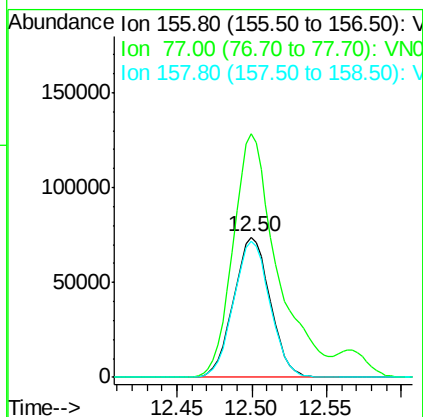
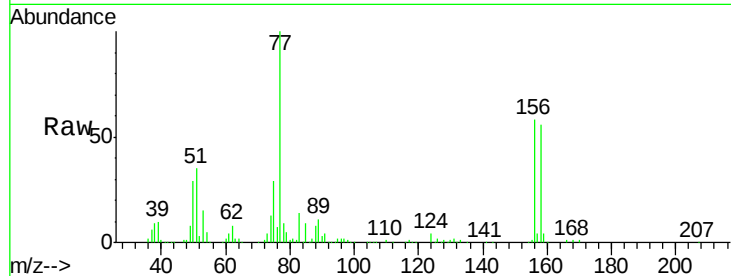
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	125633
Ion Ratio	Lower	Upper	
156	100		
77	209.4	100.7	302.1
158	97.0	48.5	145.5

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#78

n-propylbenzene

Concen: 54.529 ug/l

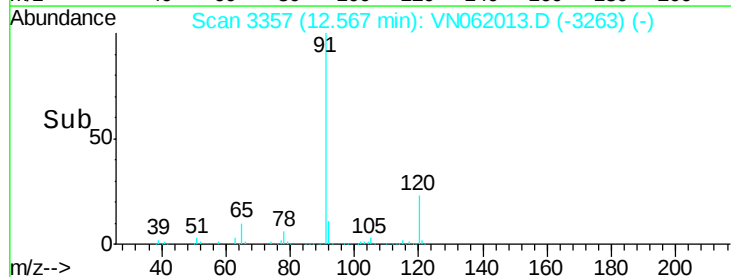
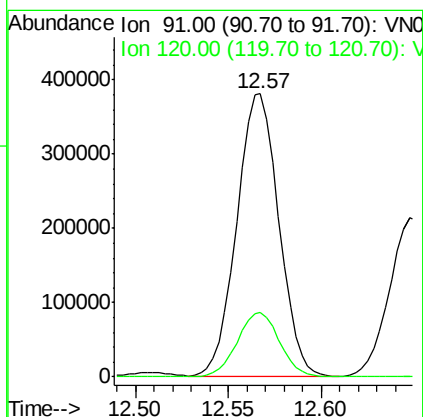
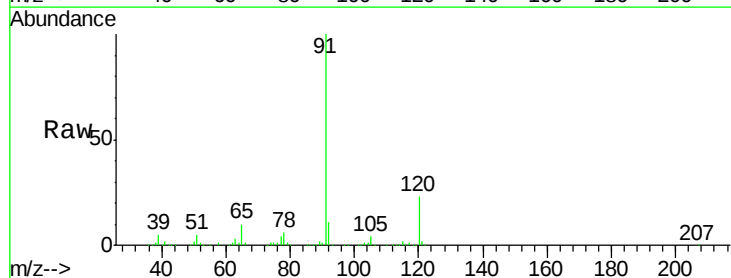
RT: 12.57 min Scan# 3357

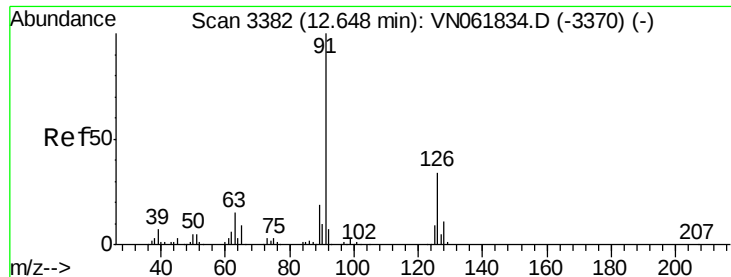
Delta R.T. 0.00 min

Lab File: VN062013.D

Acq: 22 Jun 2020 20:43

Tgt Ion:	91	Resp:	596734
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.6	34.8





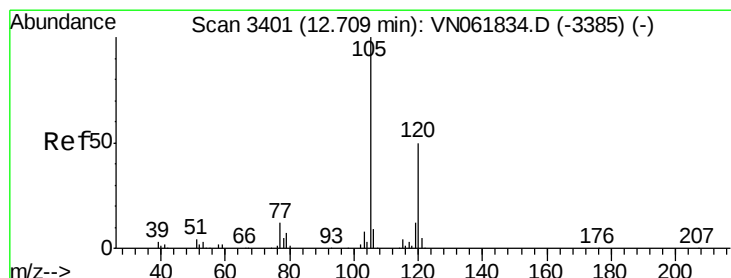
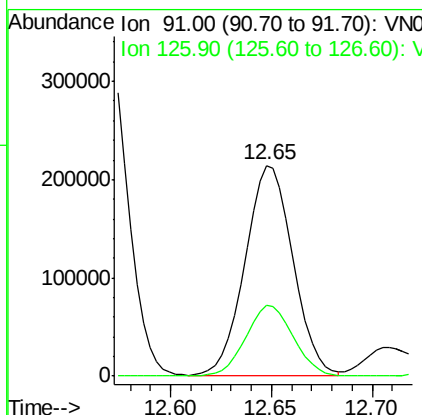
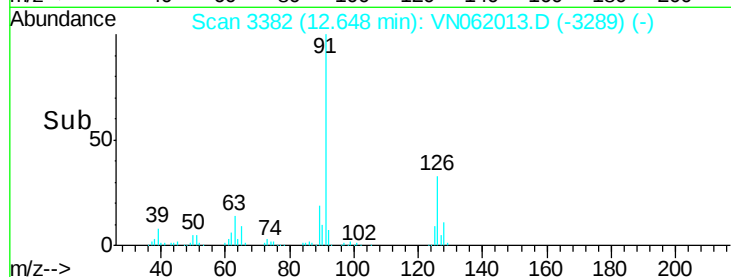
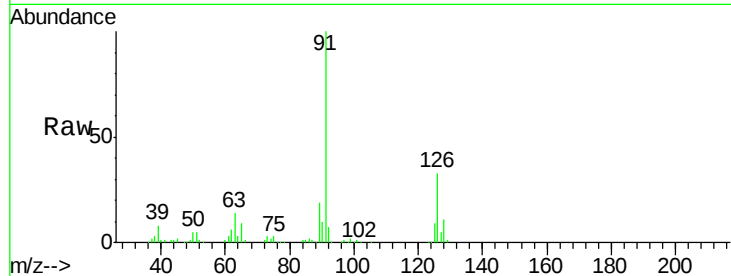
#79
 2-Chlorotoluene
 Concen: 53.955 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 354623
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.3 51.7

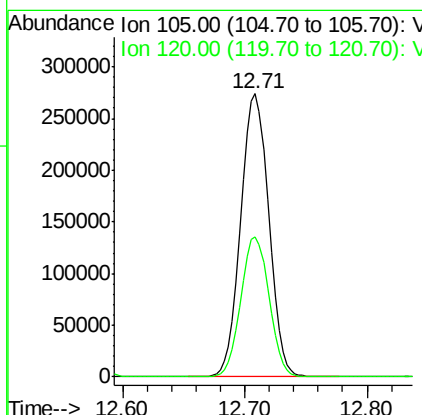
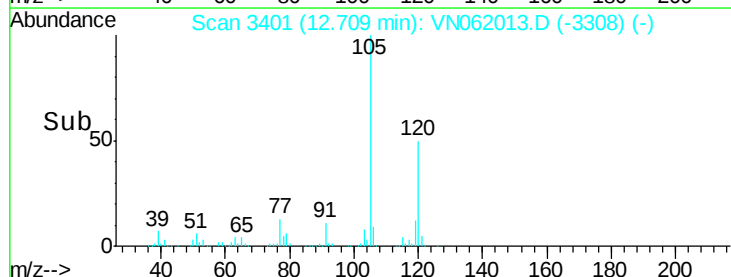
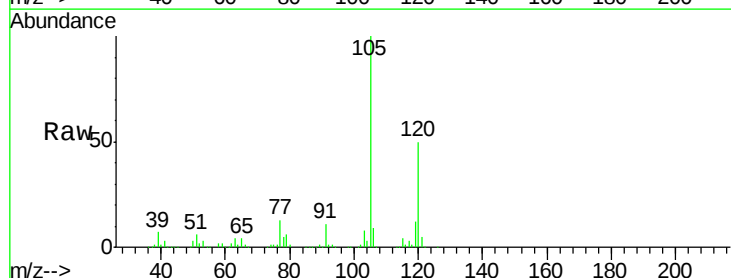
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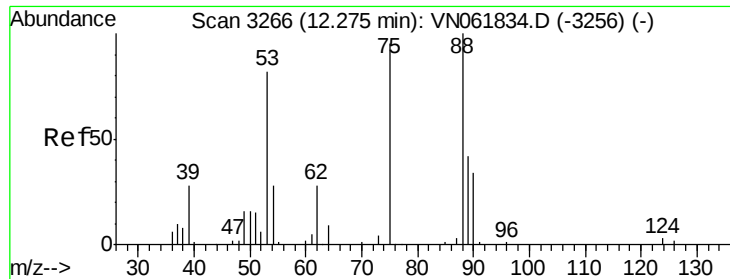
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.632 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion: 105 Resp: 433487
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.7





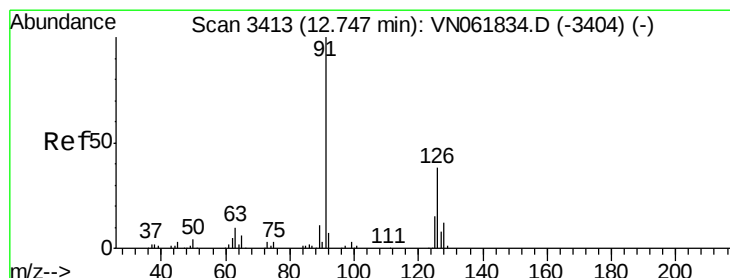
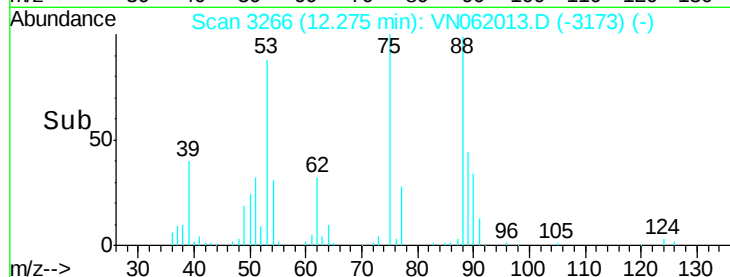
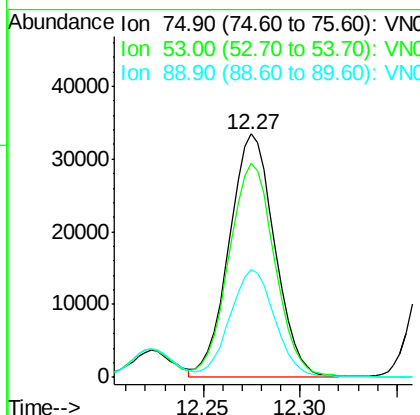
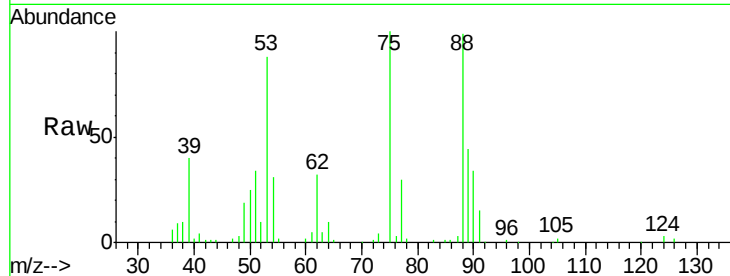
#81
trans-1,4-Dichloro-2-butene
Concen: 56.431 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.1	70.4	105.6
89	43.6	36.0	54.0

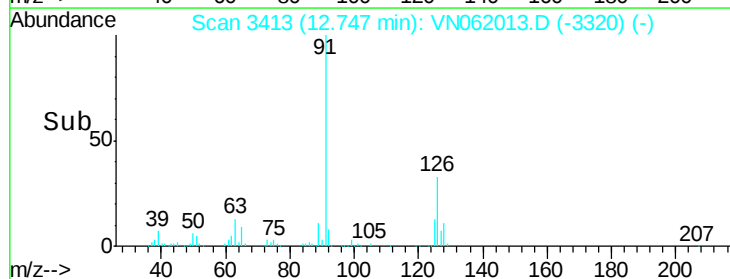
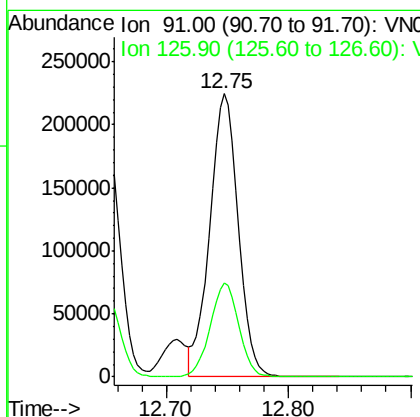
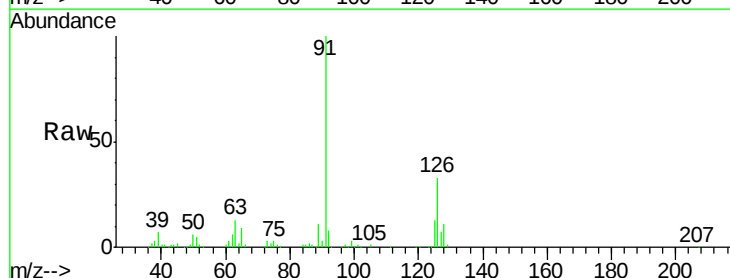
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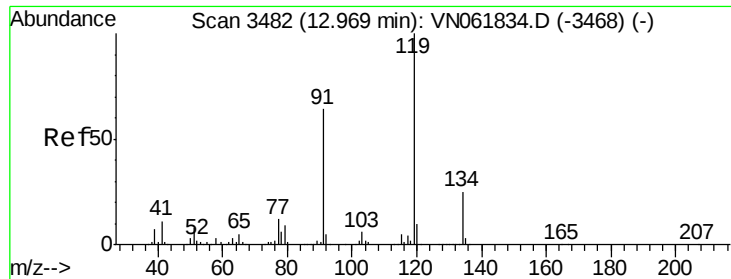
MMDadoda
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#82
4-Chlorotoluene
Concen: 53.913 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.2	51.6





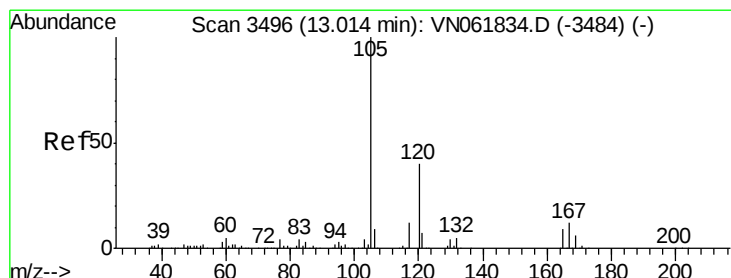
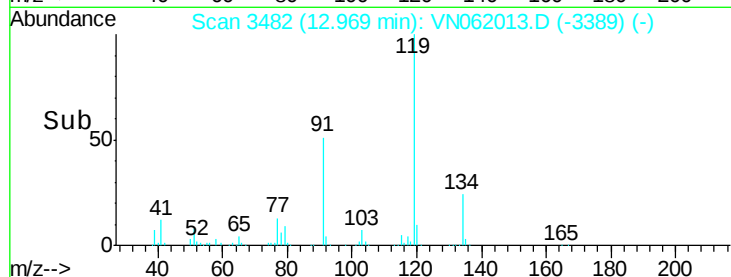
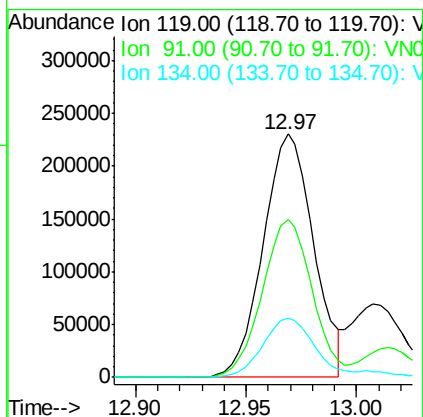
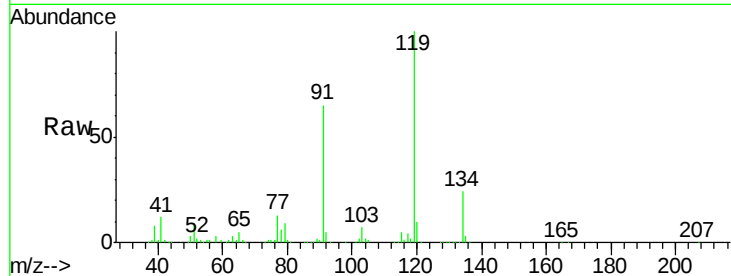
#83
tert-Butylbenzene
Concen: 54.199 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.5	94.5
134	26.7	13.3	39.9

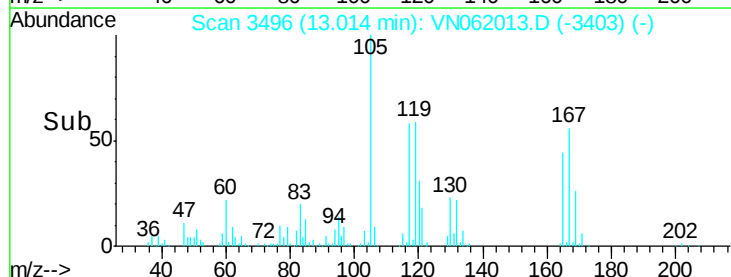
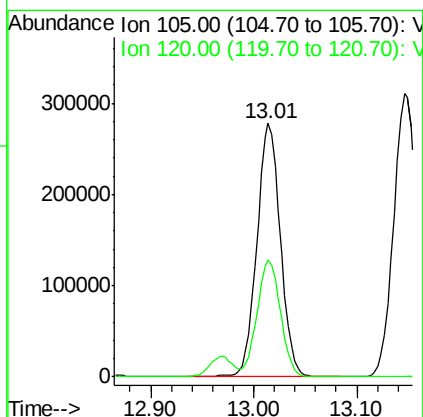
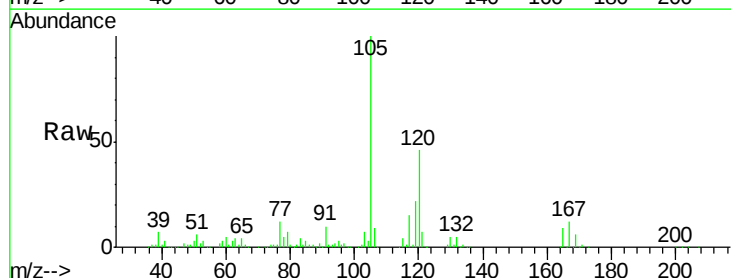
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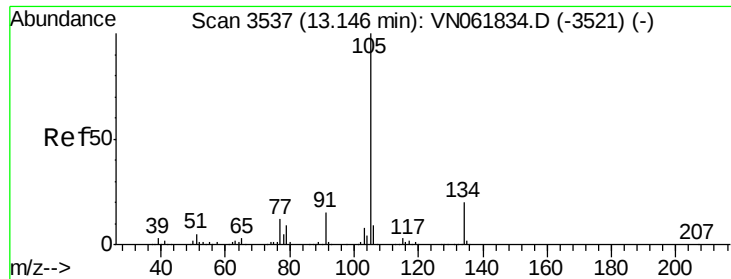
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#84
1,2,4-Trimethylbenzene
Concen: 55.889 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.3	69.9





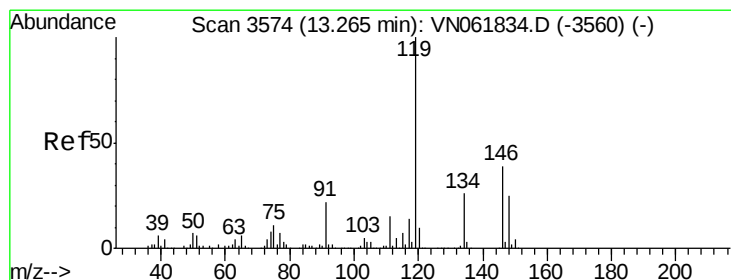
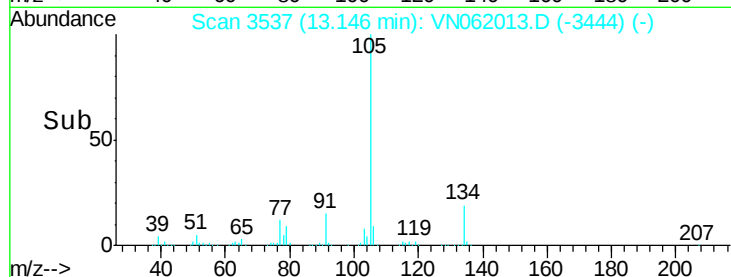
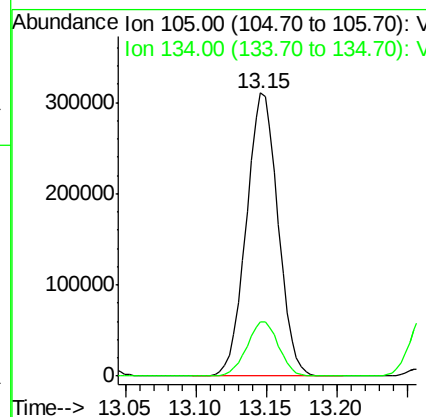
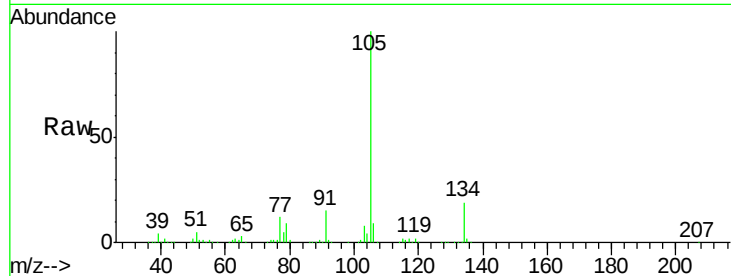
#85
 sec-Butylbenzene
 Concen: 55.556 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.1	30.1

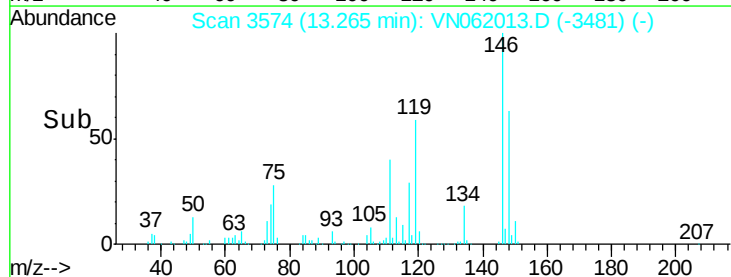
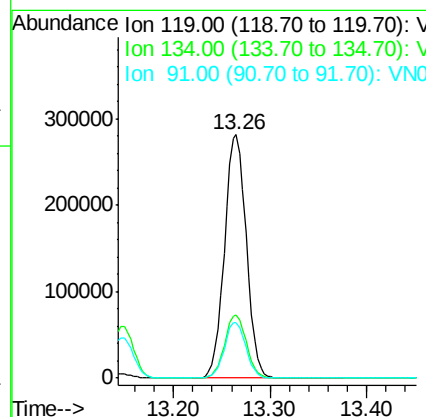
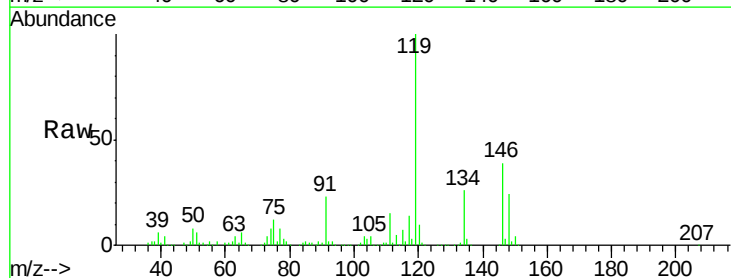
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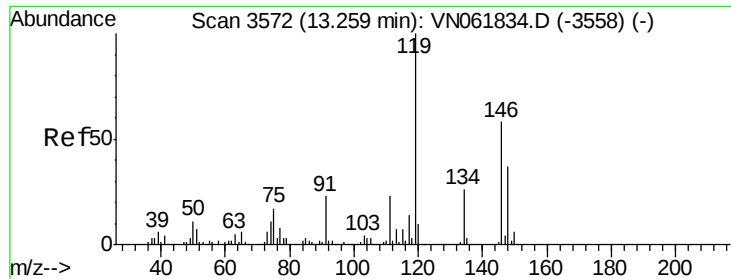
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#86
 p-Isopropyltoluene
 Concen: 56.162 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.9
91	22.7	11.2	33.6





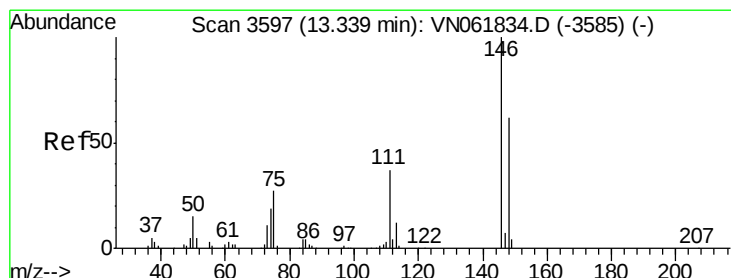
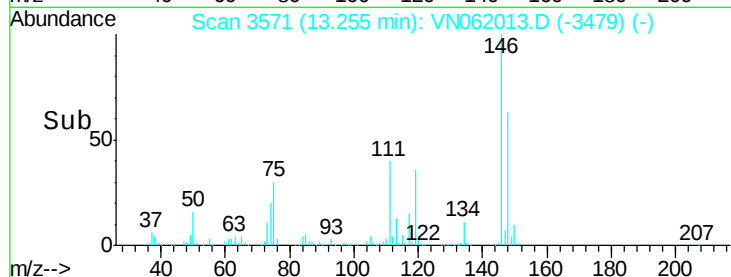
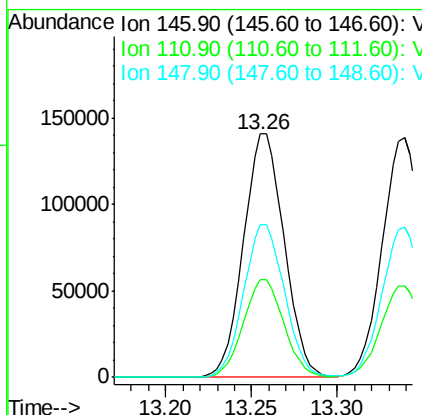
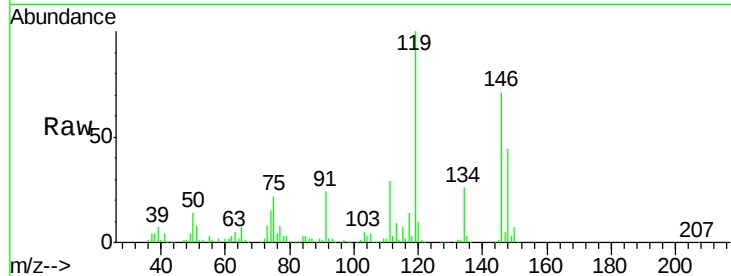
#87
 1,3-Dichlorobenzene
 Concen: 52.567 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	62.8	31.8	95.4

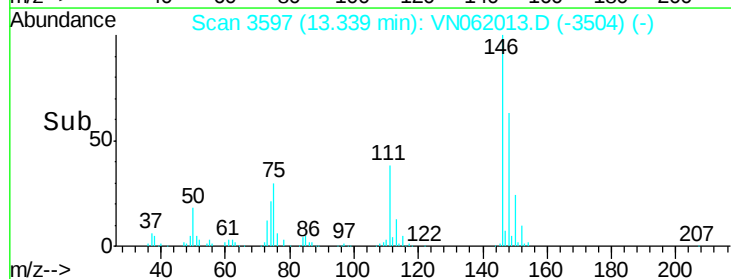
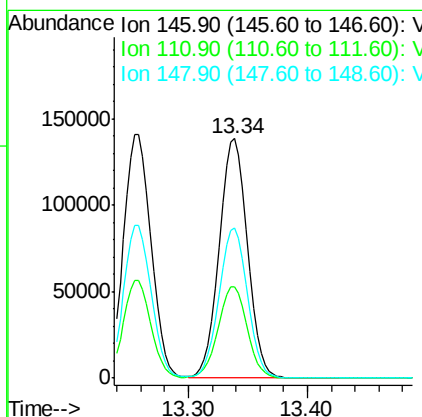
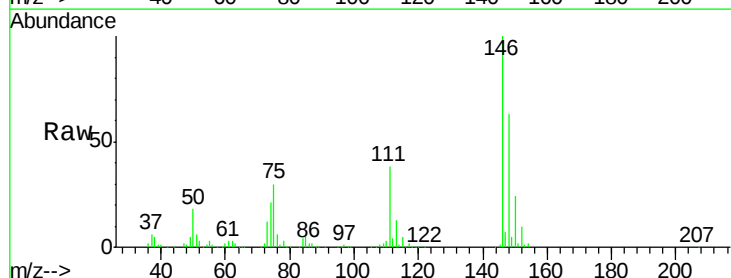
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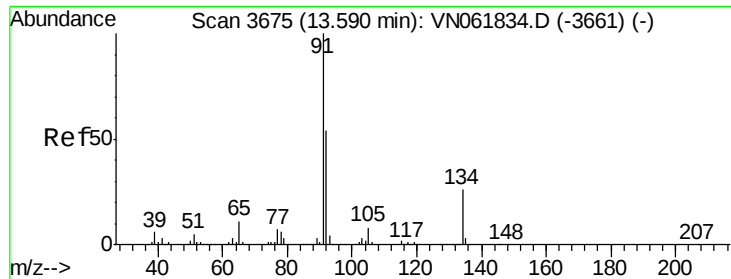
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#88
 1,4-Dichlorobenzene
 Concen: 50.633 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	63.0	31.6	94.7





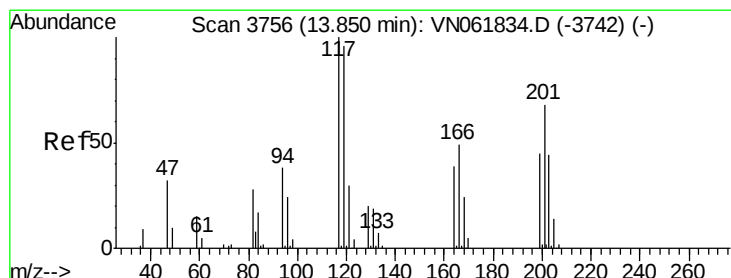
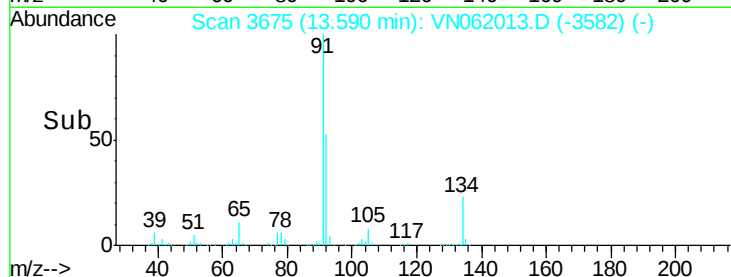
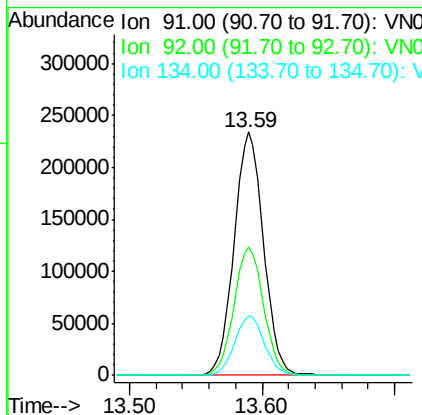
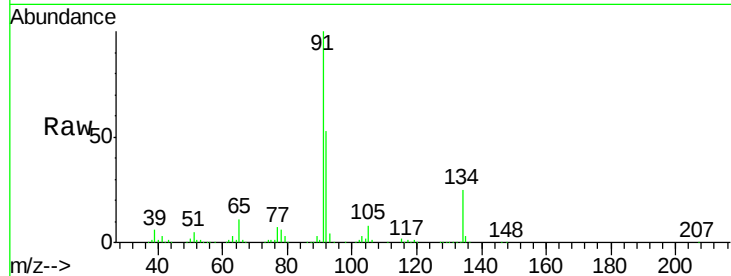
#89
n-Butylbenzene
Concen: 55.003 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	80.8
134	24.7	13.0	39.0

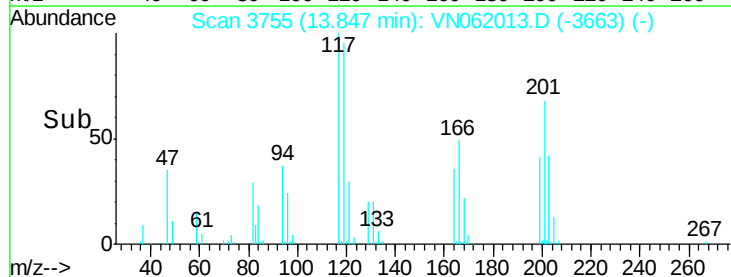
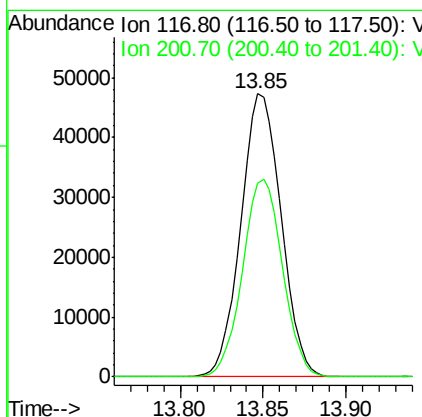
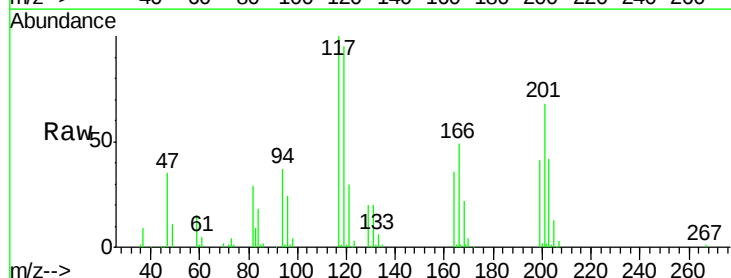
Manual Integrations
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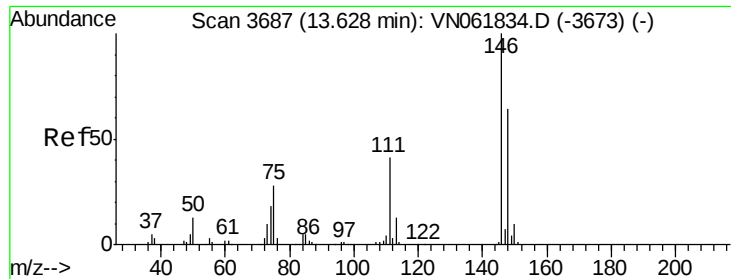
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#90
Hexachloroethane
Concen: 55.938 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	34.6	103.8





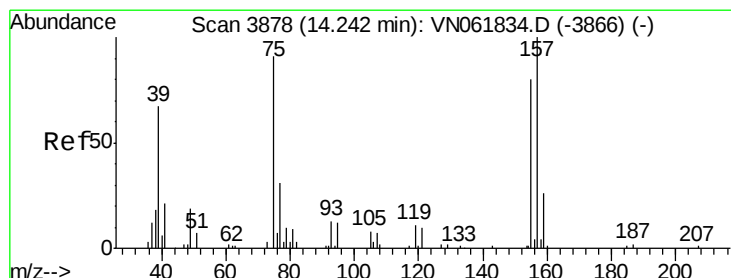
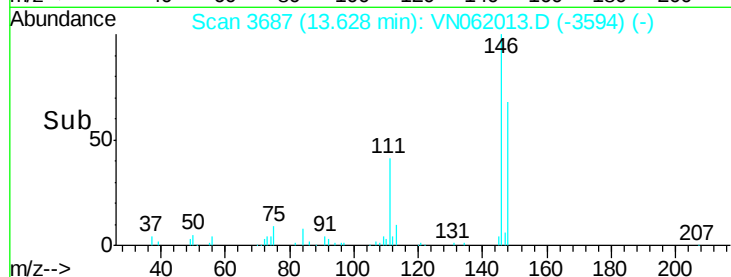
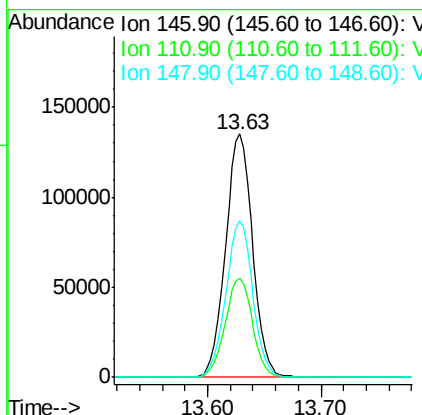
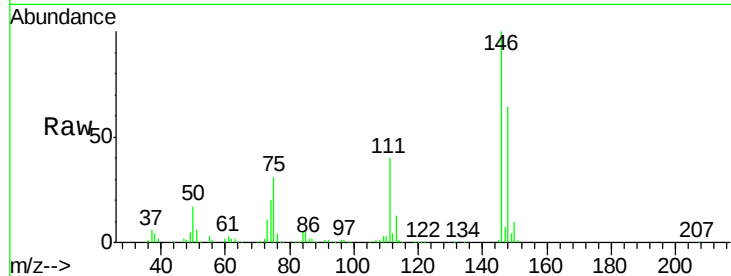
#91
 1,2-Dichlorobenzene
 Concen: 52.858 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.2
148	63.8	31.8	95.4

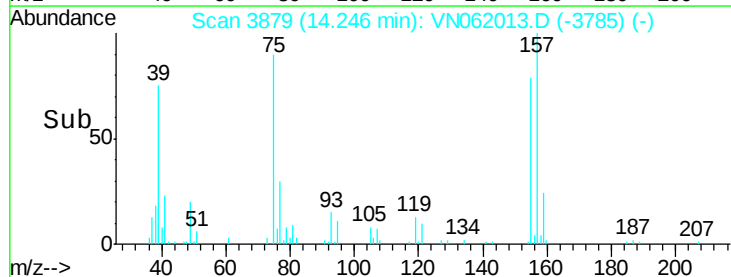
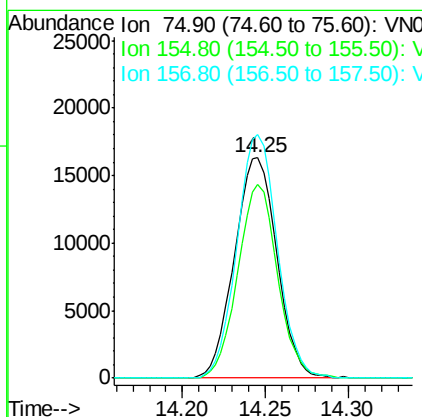
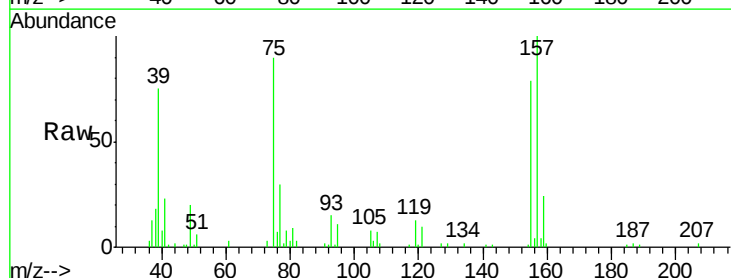
Manual Integrations
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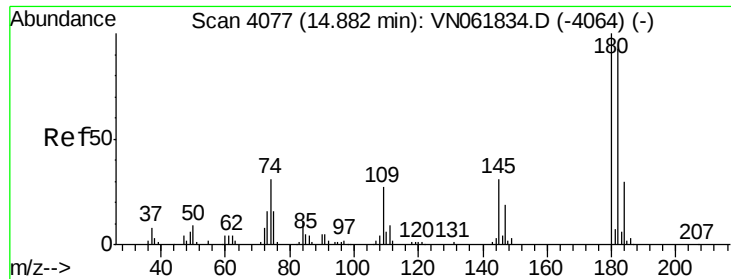
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.413 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	44.4	133.2
157	104.9	57.0	171.2





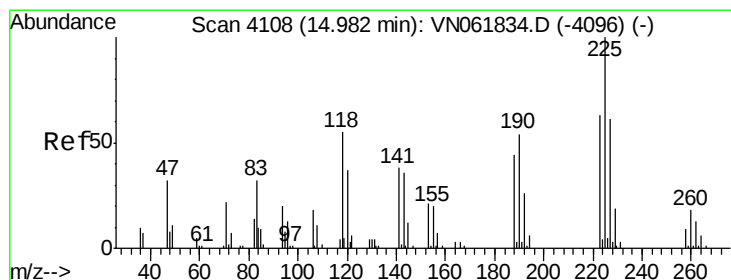
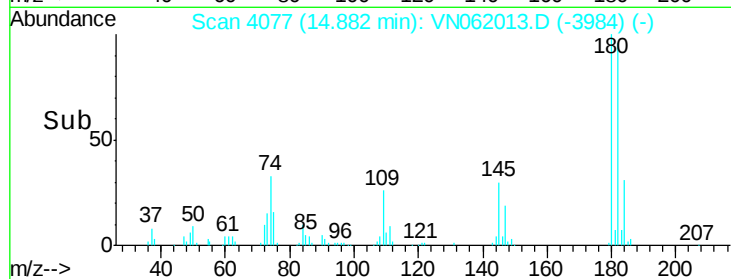
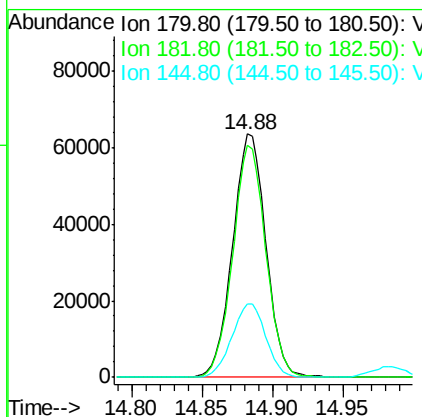
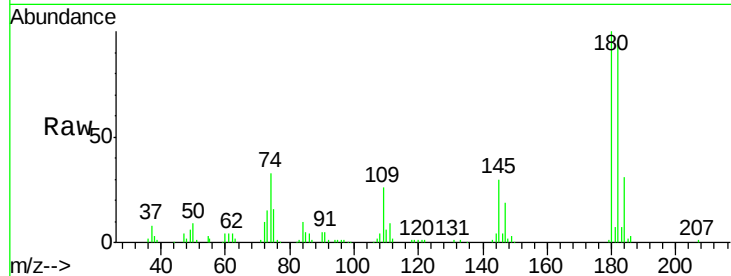
#93
 1,2,4-Trichlorobenzene
 Concen: 52.604 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.0	141.2
145	30.6	15.8	47.3

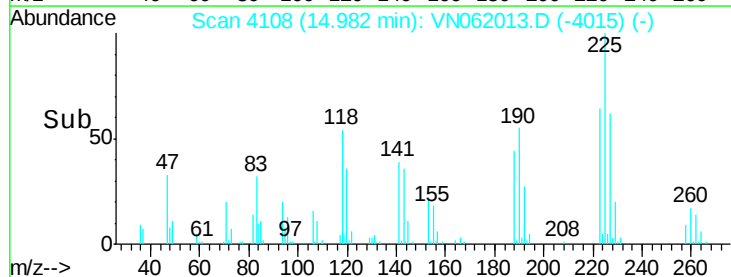
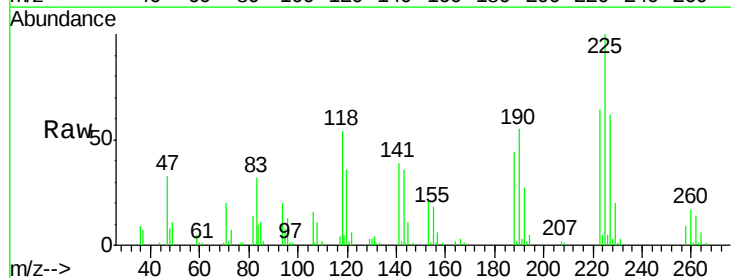
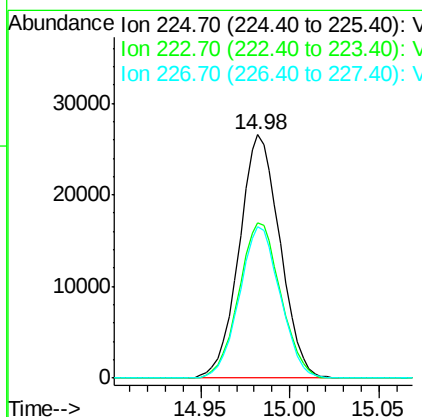
Manual Integrations
 APPROVED

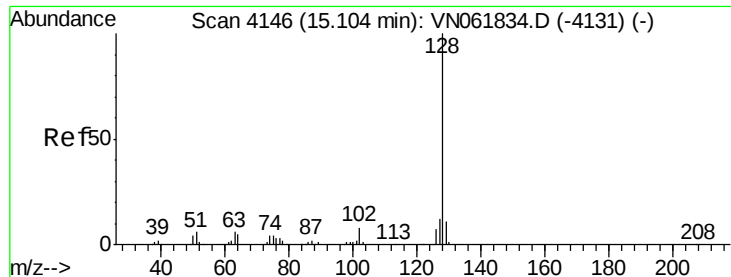
MMDadoda
 6/23/2020 12:47:37 PM



#94
 Hexachlorobutadiene
 Concen: 53.770 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062013.D
 Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.7	95.1
227	62.1	30.1	90.3





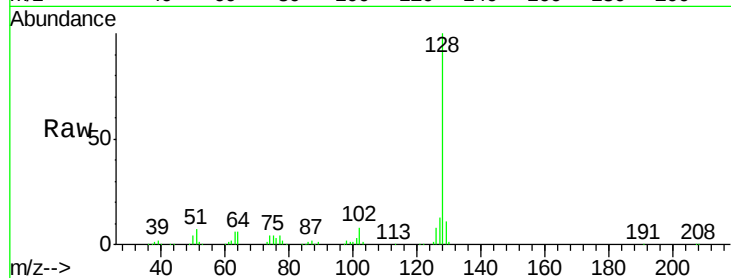
#95
Naphthalene
Concen: 47.311 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

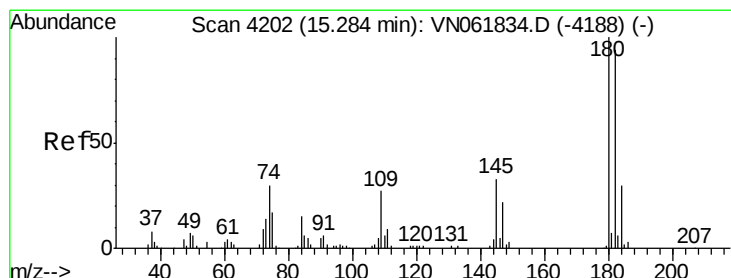
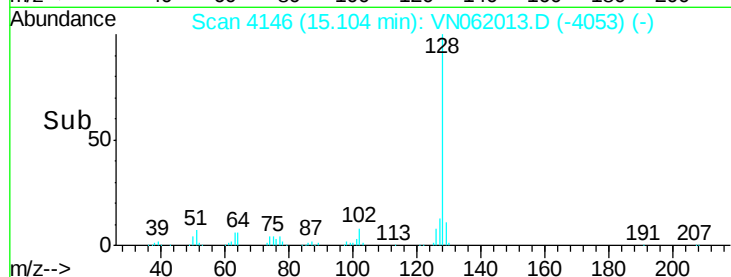
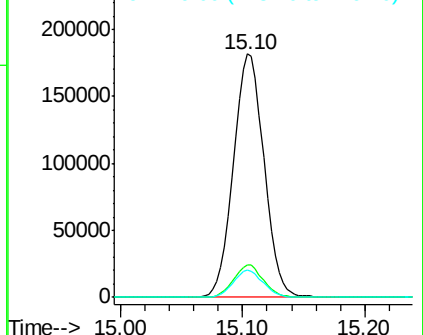
Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
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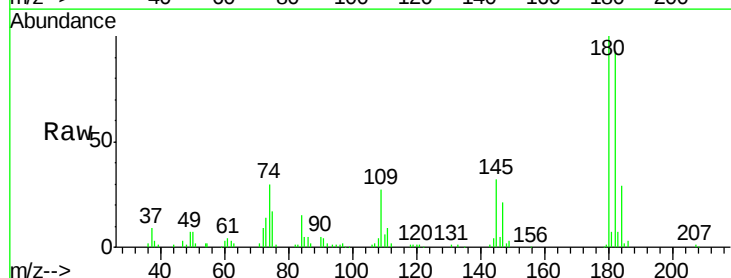


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.522 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062013.D
Acq: 22 Jun 2020 20:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.6
145	32.1	16.5	49.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

