

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062155.D
 Acq On : 26 Jun 2020 21:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:50 PM

Quant Time: Jun 27 06:25:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	173741	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.55	113	138649	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.06	98	554634	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	193417	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	131665	48.215	ug/l	98
3) Chloromethane	2.03	50	165429	51.496	ug/l	99
4) Vinyl Chloride	2.16	62	202623	47.116	ug/l	98
5) Bromomethane	2.52	94	136843	49.235	ug/l	98
6) Chloroethane	2.66	64	138442	47.126	ug/l	98
7) Trichlorofluoromethane	2.98	101	253923	47.918	ug/l	97
8) Diethyl Ether	3.37	74	98225	53.084	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135084	48.680	ug/l	99
10) Methyl Iodide	3.91	142	179973	57.588	ug/l	98
11) Tert butyl alcohol	4.73	59	133404	274.051	ug/l	99
12) 1,1-Dichloroethene	3.70	96	140343	50.591	ug/l	98
13) Acrolein	3.56	56	135460	284.227	ug/l	99
14) Allyl chloride	4.27	41	195369	51.727	ug/l	99
15) Acrylonitrile	4.93	53	352406	265.665	ug/l	99
16) Acetone	3.77	43	272602	256.260	ug/l	98
17) Carbon Disulfide	4.01	76	379631	47.780	ug/l	99
18) Methyl Acetate	4.27	43	140727	52.215	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	485901	54.815	ug/l	99
20) Methylene Chloride	4.50	84	165641	53.234	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	152283	48.187	ug/l	95
22) Diisopropyl ether	5.90	45	453558	52.742	ug/l	99
23) Vinyl Acetate	5.84	43	1905704	271.425	ug/l	99
24) 1,1-Dichloroethane	5.80	63	279181	50.415	ug/l	99
25) 2-Butanone	6.79	43	439433	265.169	ug/l	99
26) 2,2-Dichloropropane	6.78	77	201614	43.690	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	182950	51.447	ug/l	96
28) Bromochloromethane	7.15	49	116816	48.619	ug/l	99
29) Tetrahydrofuran	7.17	42	294551	271.343	ug/l	99
30) Chloroform	7.33	83	285592	50.689	ug/l	99
31) Cyclohexane	7.61	56	233349	49.817	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	244875	51.537	ug/l	100
36) 1,1-Dichloropropene	7.75	75	214159	49.448	ug/l	99
37) Ethyl Acetate	6.88	43	189937	52.962	ug/l	98
38) Carbon Tetrachloride	7.73	117	203309	49.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248522	52.371	ug/l	98
40) Benzene	8.00	78	656426	49.727	ug/l	100
41) Methacrylonitrile	7.12	41	75234	45.250	ug/l	89
42) 1,2-Dichloroethane	8.09	62	222714	49.935	ug/l	100
43) Isopropyl Acetate	8.12	43	318409	54.464	ug/l #	91
44) Trichloroethene	8.80	130	166809	50.094	ug/l	100
45) 1,2-Dichloropropane	9.08	63	169728	52.117	ug/l	97
46) Dibromomethane	9.18	93	111969	50.710	ug/l	99
47) Bromodichloromethane	9.37	83	228000	51.140	ug/l	99
48) Methyl methacrylate	9.17	41	141303	53.906	ug/l	99
49) 1,4-Dioxane	9.17	88	61320	1054.865	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	954234	279.365	ug/l	100
52) Toluene	10.12	92	419756	52.115	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	252523	51.483	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	272685	52.218	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	164935	52.093	ug/l	98
56) Ethyl methacrylate	10.40	69	243652	57.665	ug/l	100
57) 1,3-Dichloropropane	10.68	76	284076	52.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	446915	248.532	ug/l	100
59) 2-Hexanone	10.72	43	695665	282.047	ug/l	100
60) Dibromochloromethane	10.87	129	178250	53.177	ug/l	97
61) 1,2-Dibromoethane	10.98	107	167069	51.354	ug/l	99
64) Tetrachloroethene	10.60	164	133259	48.386	ug/l	99
65) Chlorobenzene	11.41	112	445259	50.290	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	159481	52.091	ug/l	99
67) Ethyl Benzene	11.48	91	792959	53.030	ug/l	100
68) m/p-Xylenes	11.60	106	609941	105.460	ug/l	99
69) o-Xylene	11.92	106	293663	53.815	ug/l	98
70) Styrene	11.94	104	495228	54.416	ug/l	99
71) Bromoform	12.10	173	116600	53.565	ug/l #	99
73) Isopropylbenzene	12.22	105	785544	53.357	ug/l	99
74) N-amyl acetate	12.05	43	285185	52.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	244624	49.930	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	217898m	48.667	ug/l	
77) Bromobenzene	12.50	156	181977	49.787	ug/l	99
78) n-propylbenzene	12.56	91	889770	52.835	ug/l	100
79) 2-Chlorotoluene	12.65	91	521877	51.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	641793	53.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	78362	51.112	ug/l	98
82) 4-Chlorotoluene	12.75	91	541929	51.475	ug/l	99
83) tert-Butylbenzene	12.97	119	543721	53.233	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	646618	54.247	ug/l	100
85) sec-Butylbenzene	13.15	105	747138	55.358	ug/l	100
86) p-Isopropyltoluene	13.26	119	660606	55.868	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	328692	51.211	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	326213	49.306	ug/l	100
89) n-Butylbenzene	13.59	91	548147	55.759	ug/l	100
90) Hexachloroethane	13.85	117	121734	52.473	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	323054	51.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	42184	53.748	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	152711	56.165	ug/l	98
94) Hexachlorobutadiene	14.98	225	65582	55.535	ug/l	99
95) Naphthalene	15.10	128	448532	49.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	151983	54.667	ug/l	98

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

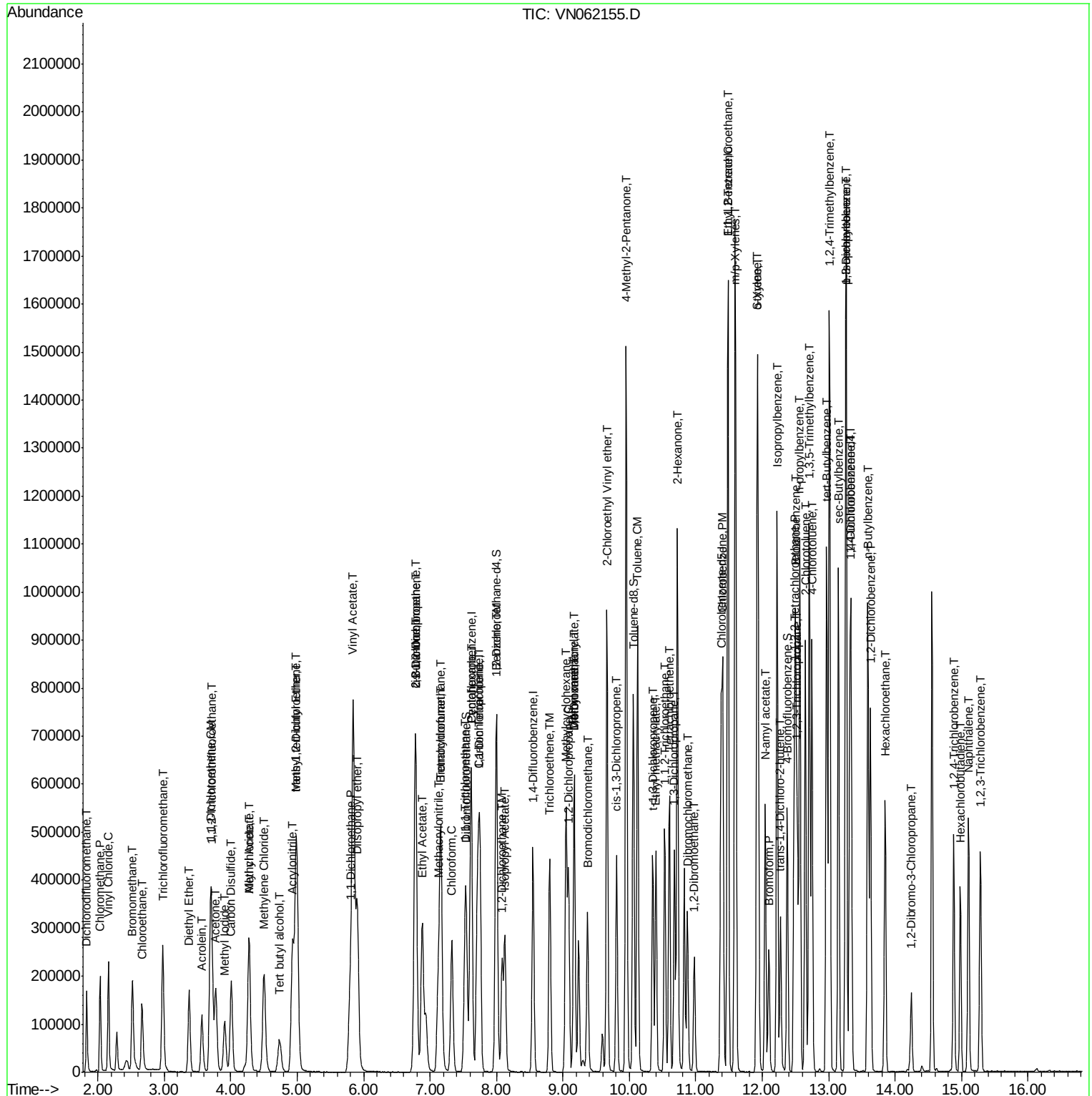
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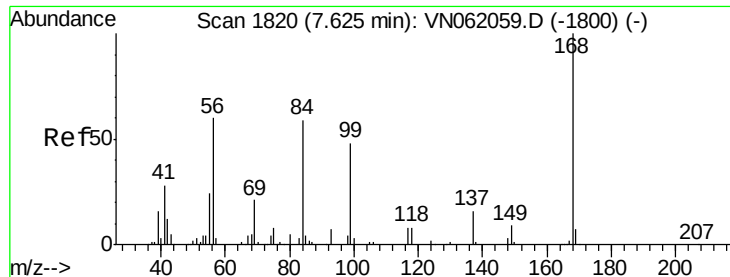
Instrument :
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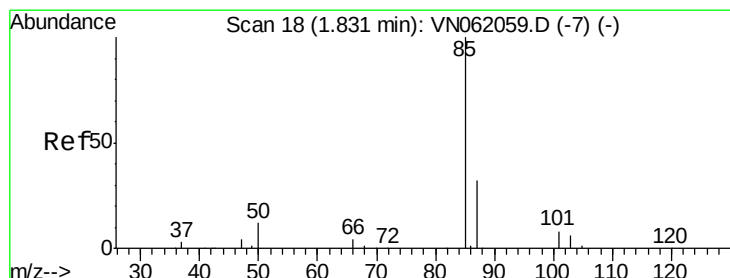
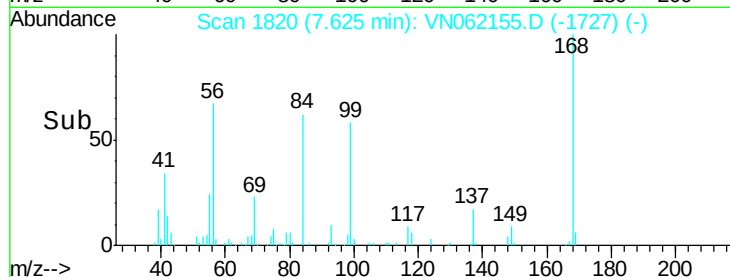
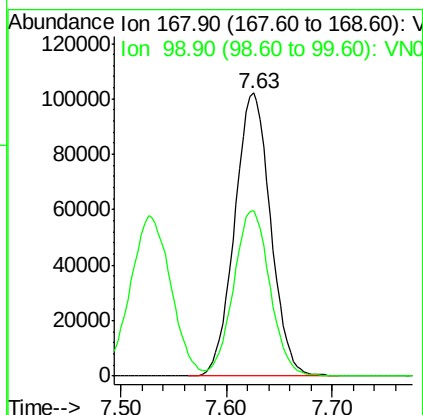
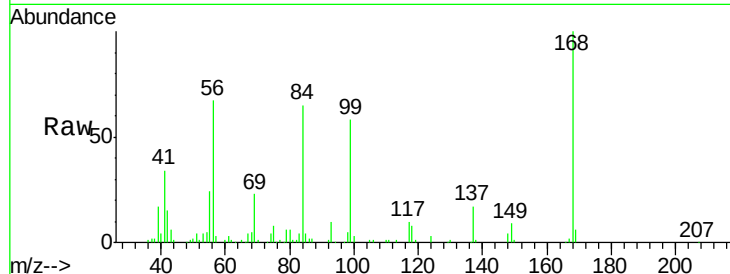
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

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ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 241595
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.8

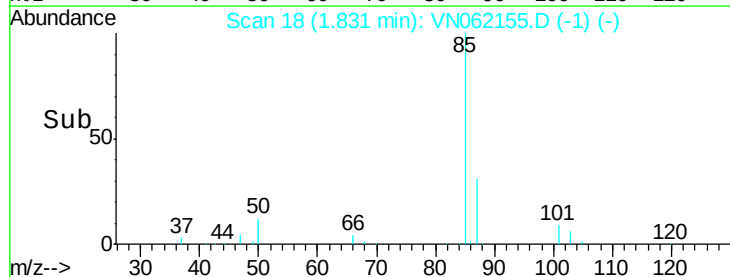
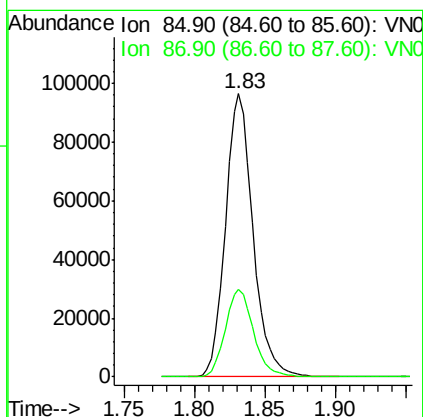
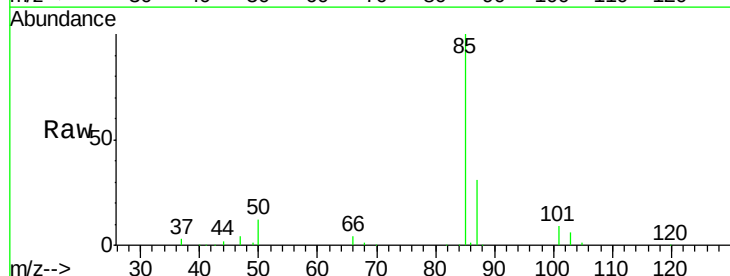
Manual Integrations
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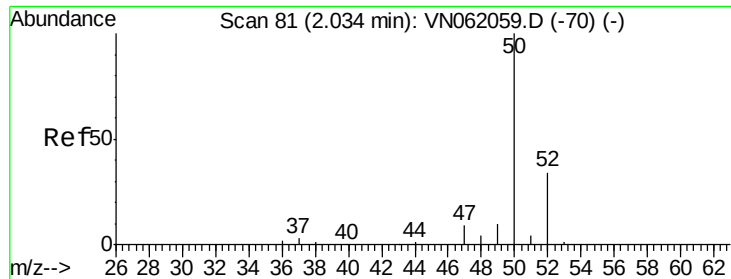
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#2
Dichlorodifluoromethane
Concen: 48.215 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 85 Resp: 131665
Ion Ratio Lower Upper
85 100
87 30.9 15.9 47.7





#3

Chloromethane

Concen: 51.496 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 165429

Ion Ratio Lower Upper

50 100

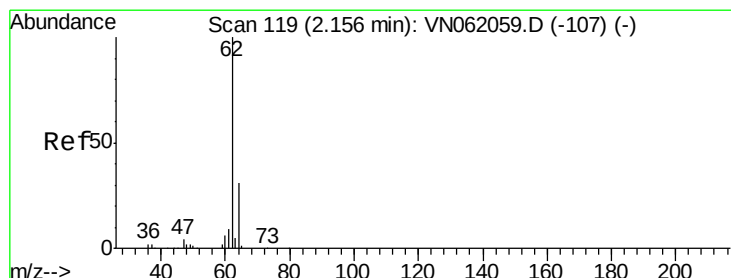
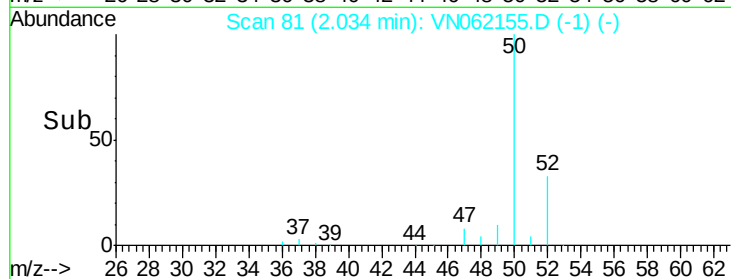
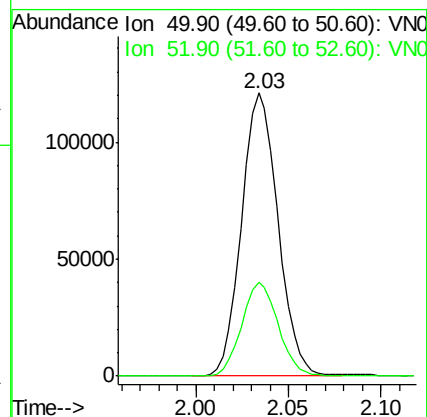
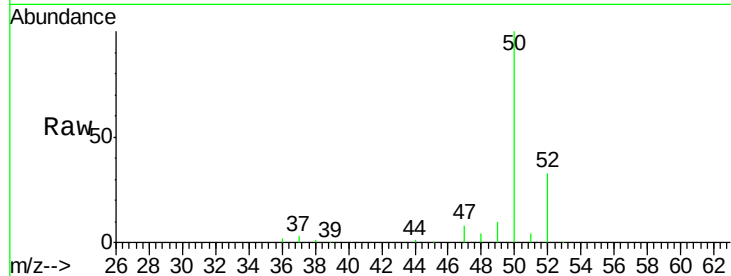
52 33.2 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.116 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062155.D

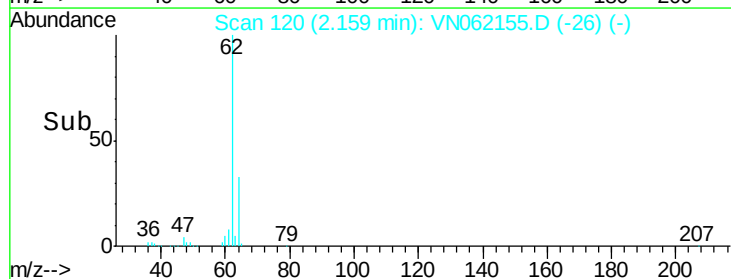
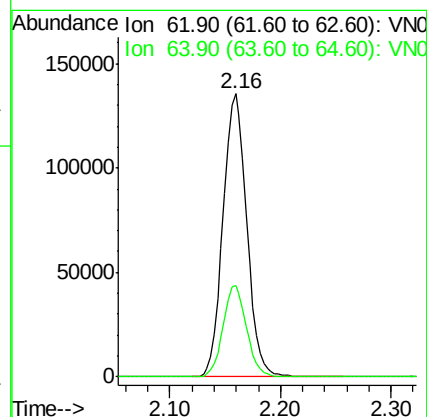
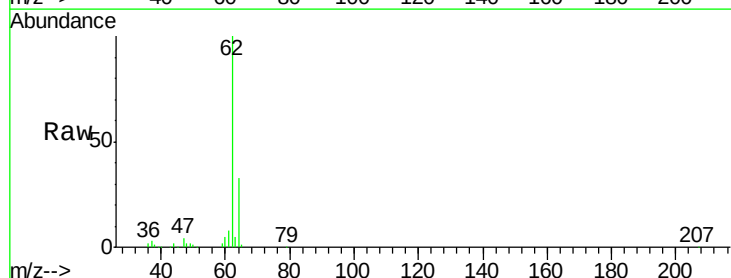
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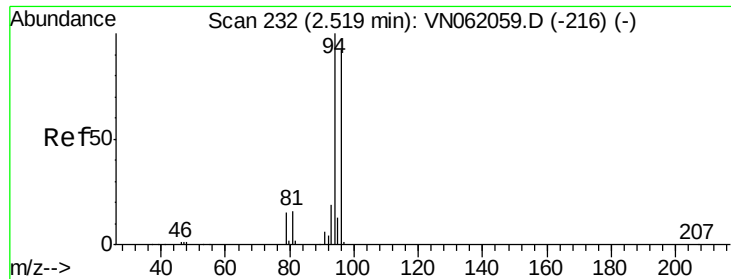
Tgt Ion: 62 Resp: 202623

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 49.235 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 136843

Ion Ratio Lower Upper

94 100

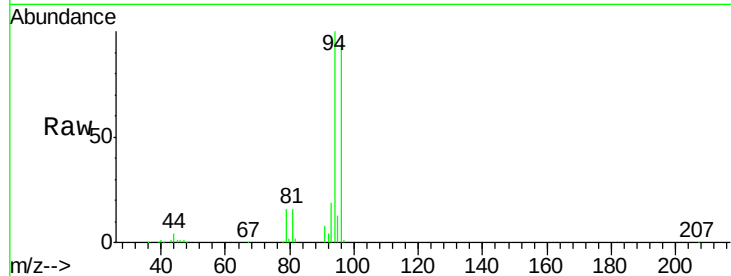
96 93.5 73.4 110.2

Manual Integrations

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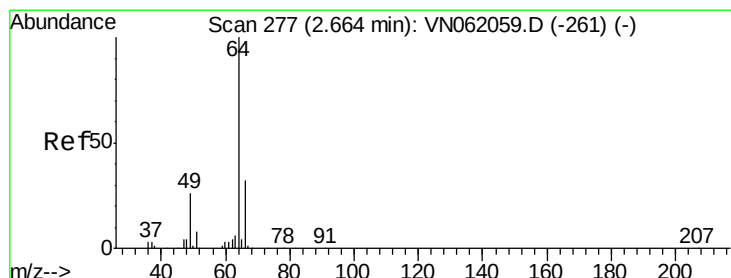
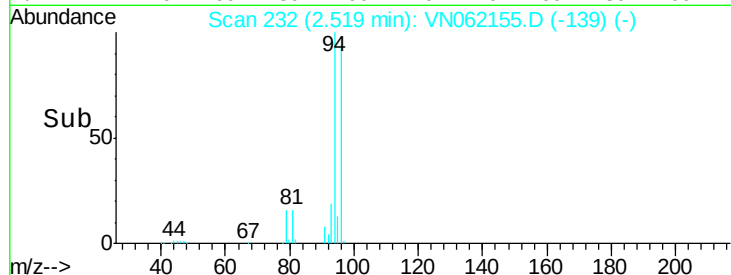


Abundance Ion 93.90 (93.60 to 94.60): VN062155.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062155.D (-139) (-)

2.52

Time-->



#6

Chloroethane

Concen: 47.126 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062155.D

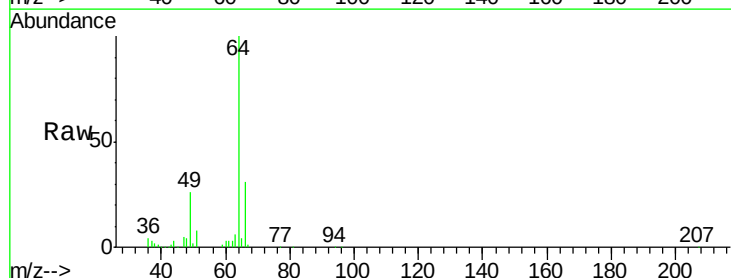
Acq: 26 Jun 2020 21:51

Tgt Ion: 64 Resp: 138442

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.6

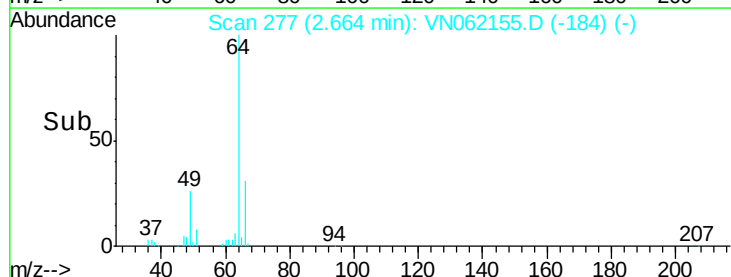


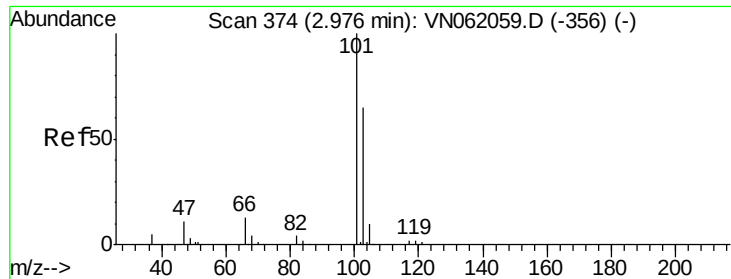
Abundance Ion 63.90 (63.60 to 64.60): VN062155.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062155.D (-184) (-)

2.66

Time-->





#7

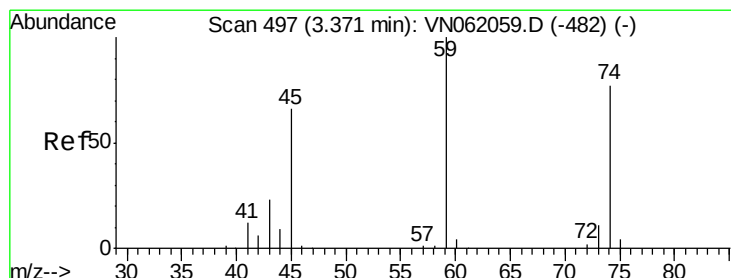
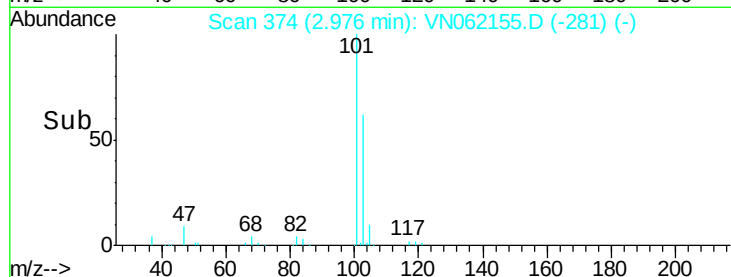
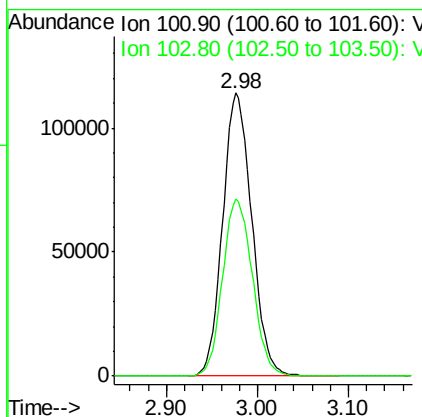
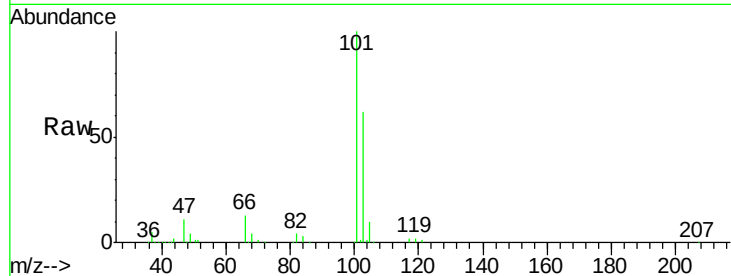
Trichlorofluoromethane
 Concen: 47.918 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.8	77.6

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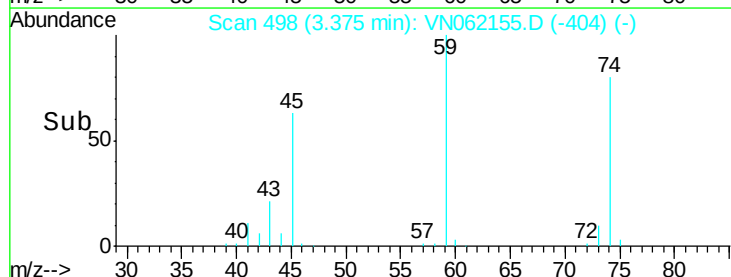
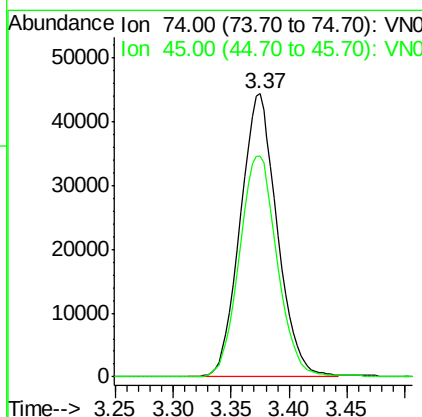
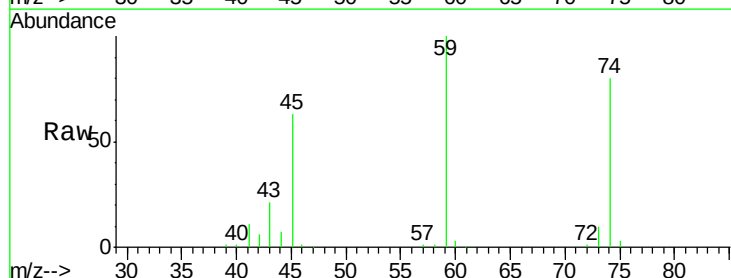
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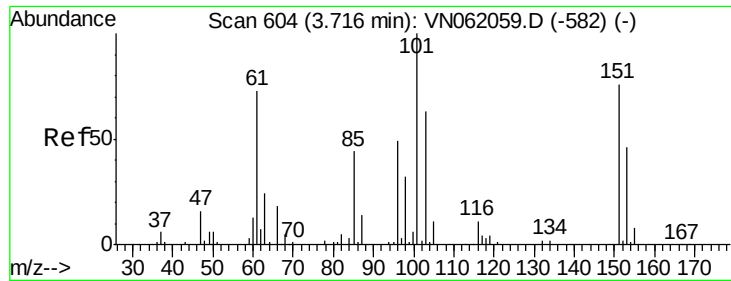


#8

Diethyl Ether
 Concen: 53.084 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.6	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.680 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

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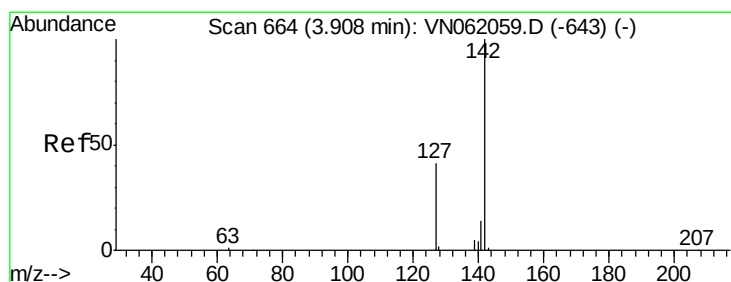
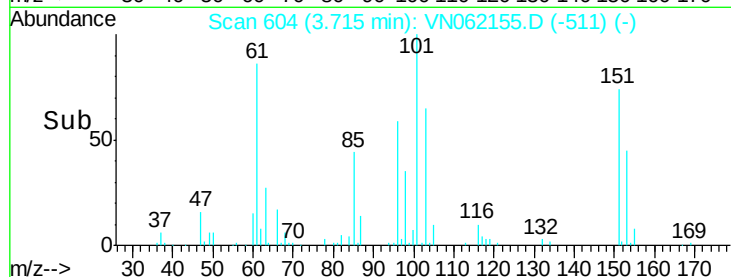
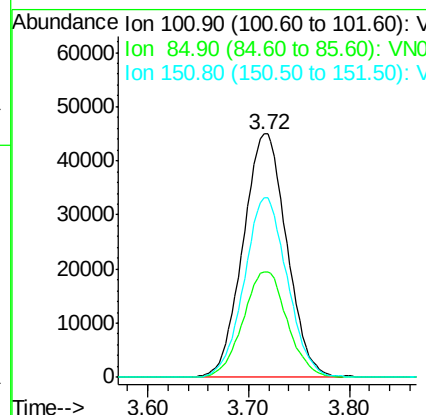
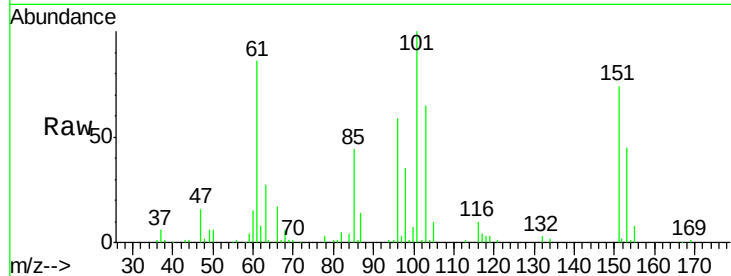
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	135084
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.5	51.7
151	72.6	57.8	86.8

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#10

Methyl Iodide

Concen: 57.588 ug/l

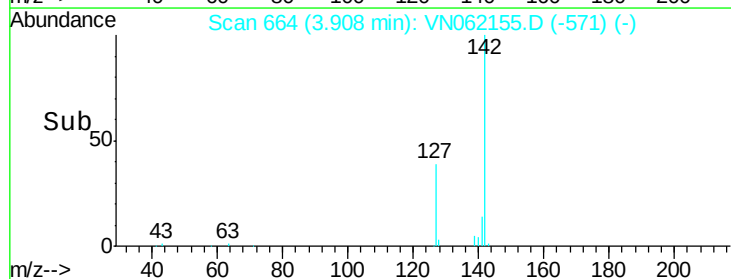
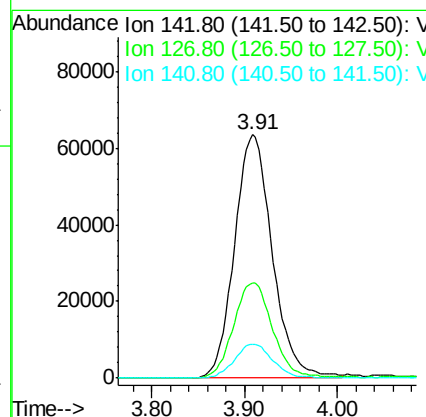
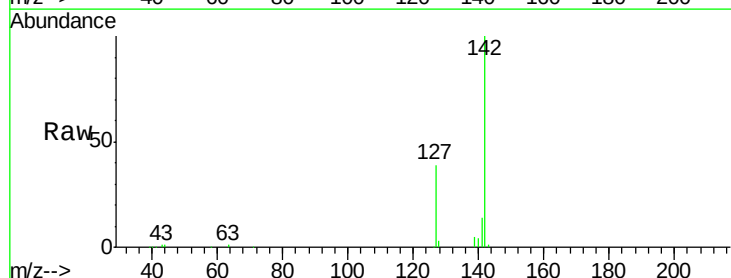
RT: 3.91 min Scan# 664

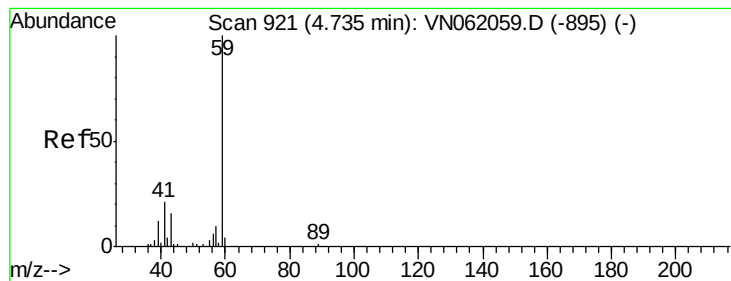
Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion:	142	Resp:	179973
Ion Ratio	Lower	Upper	
142	100		
127	40.5	33.6	50.4
141	14.0	11.3	16.9





#11

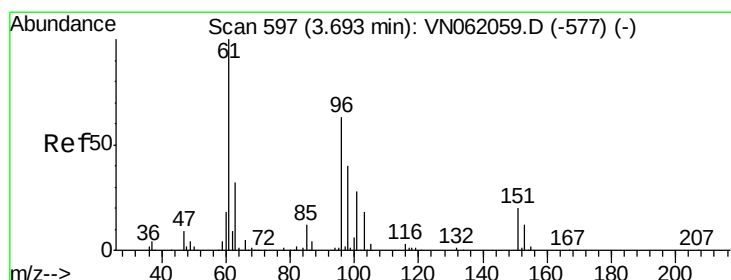
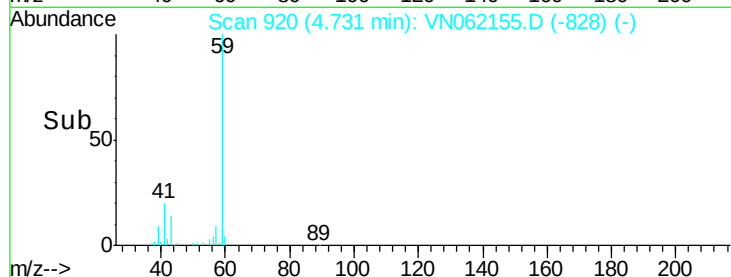
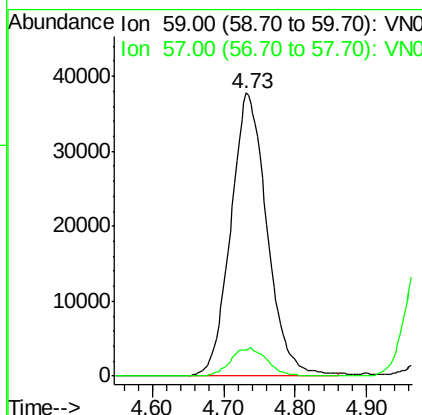
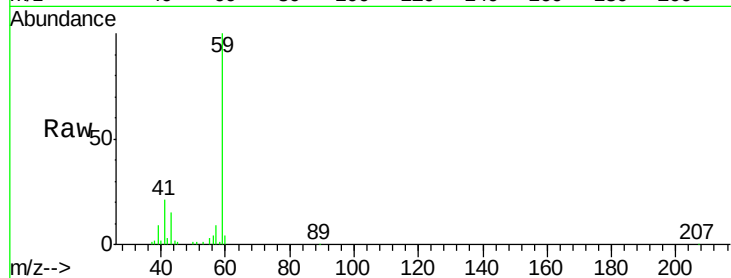
Tert butyl alcohol
Concen: 274.051 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

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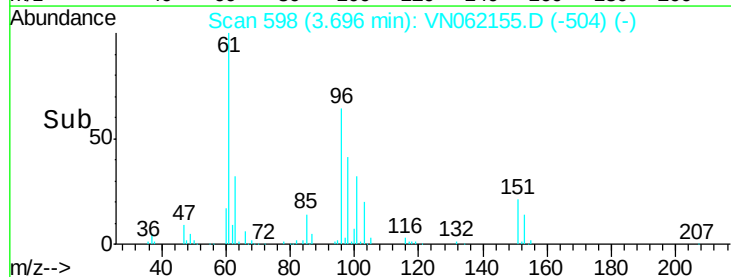
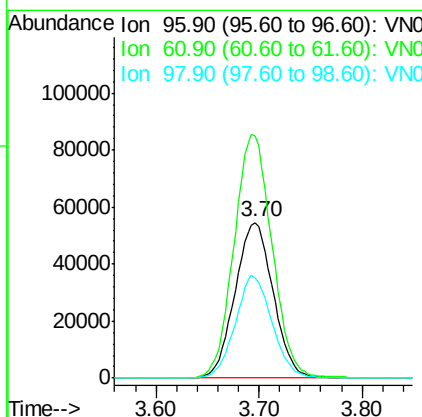
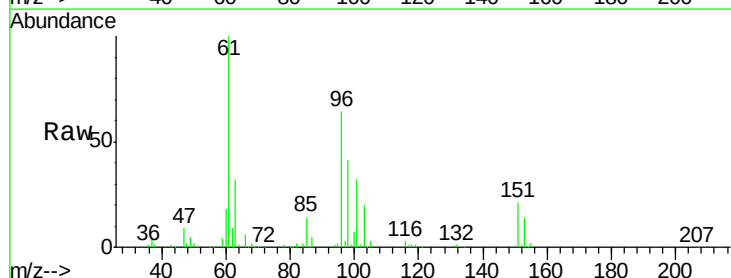
MMDadoda
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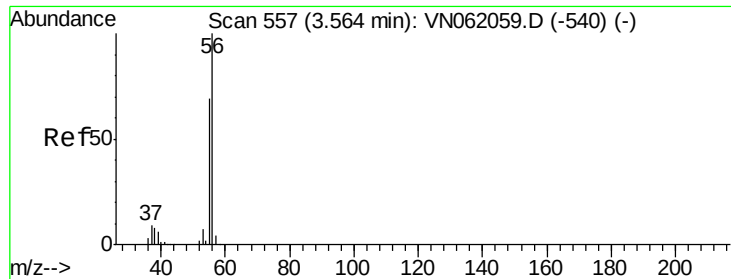


#12

1,1-Dichloroethene
Concen: 50.591 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.2	126.7	190.1
98	64.6	51.0	76.4





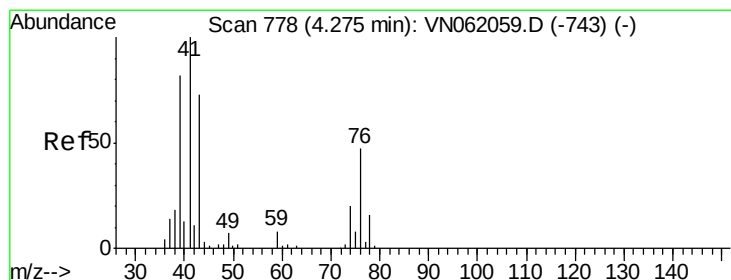
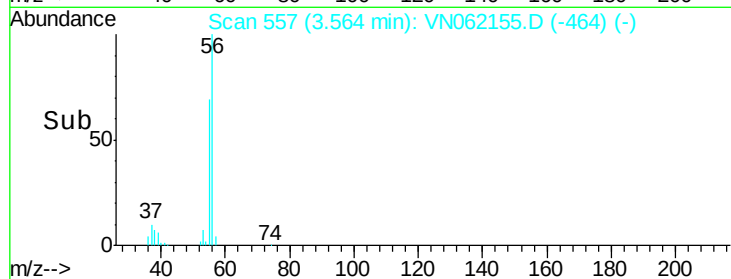
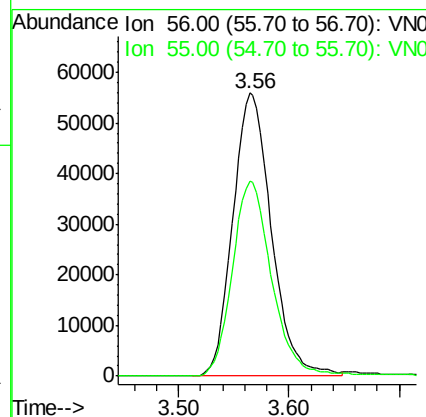
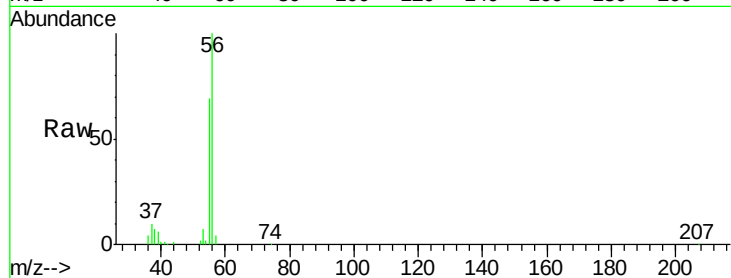
#13
Acrolein
Concen: 284.227 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	135460
Ion Ratio	100	Lower	Upper
55	70.3	55.5	83.3

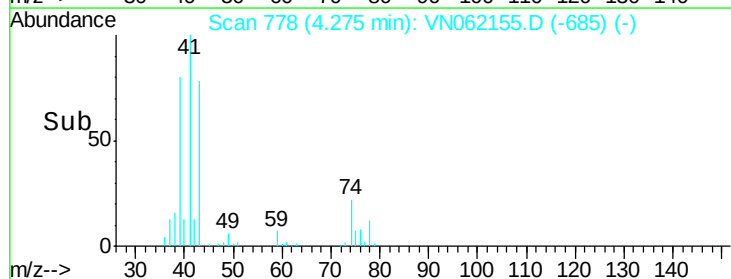
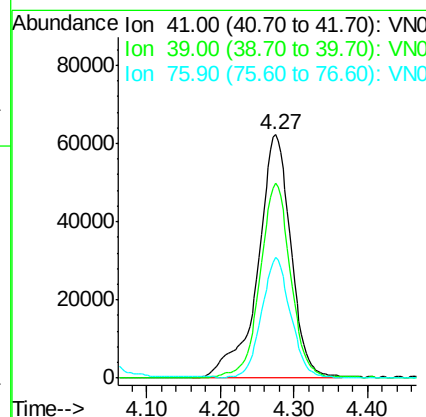
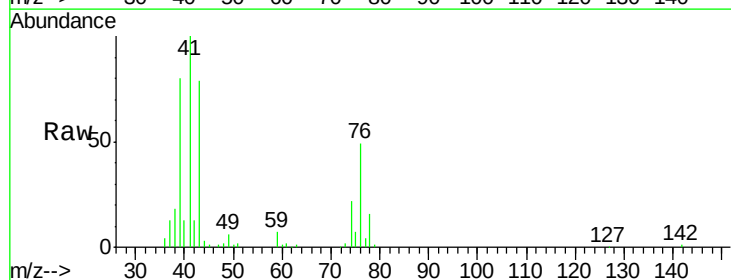
Manual Integrations
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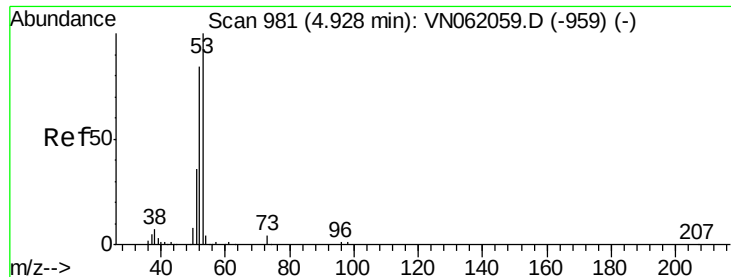
MMDadoda
6/29/2020 12:35:50 PM



#14
Allyl chloride
Concen: 51.727 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	41	Resp	195369
Ion Ratio	100	Lower	Upper
39	73.8	60.0	90.0
76	43.4	34.1	51.1





#15

Acrylonitrile

Concen: 265.665 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

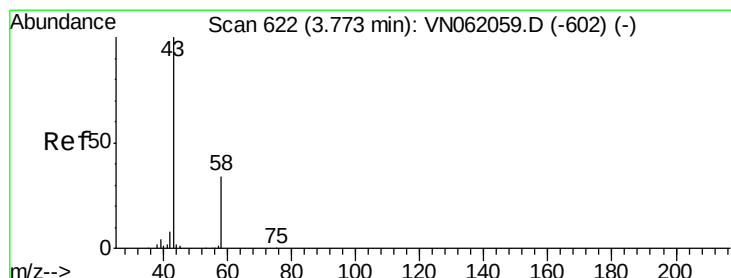
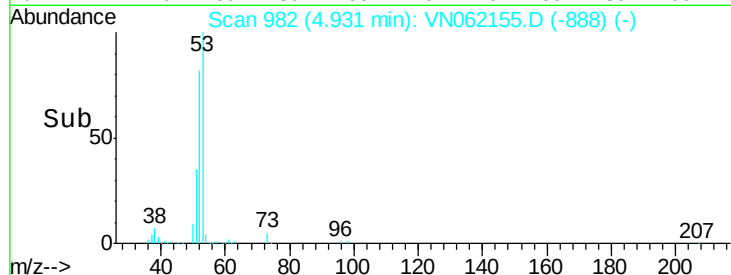
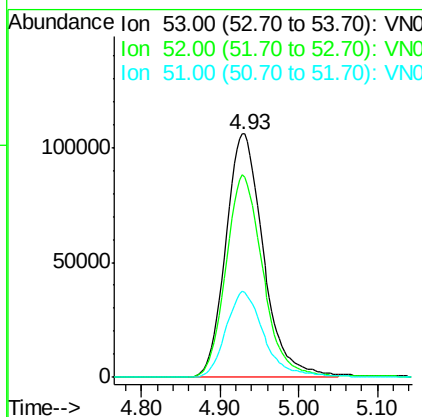
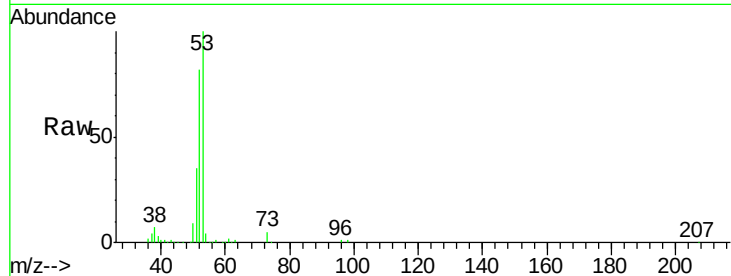
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	352406
Ion Ratio		Lower	Upper
53	100		
52	82.0	66.2	99.4
51	35.9	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 256.260 ug/l

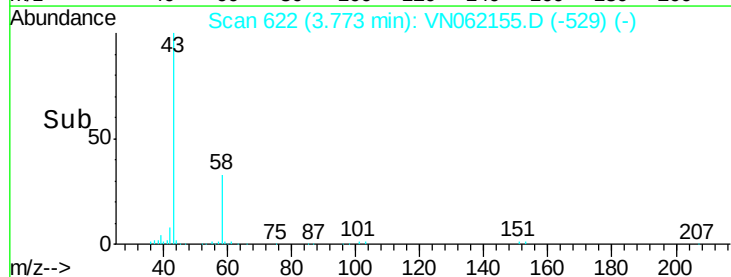
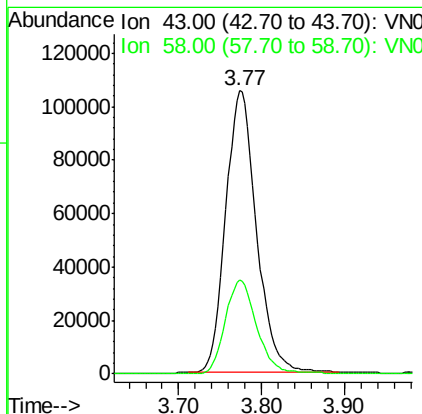
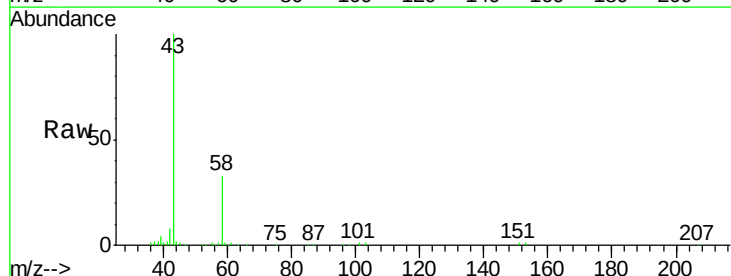
RT: 3.77 min Scan# 622

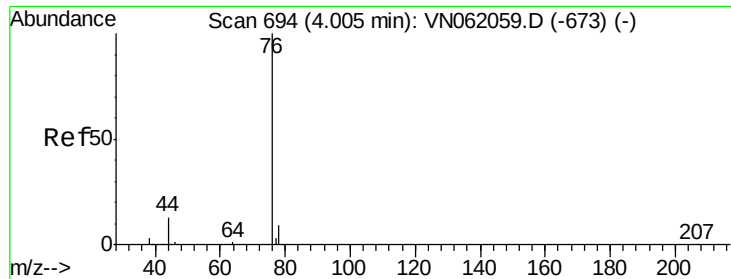
Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion:	43	Resp:	272602
Ion Ratio		Lower	Upper
43	100		
58	33.2	27.5	41.3





#17

Carbon Disulfide

Concen: 47.780 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 379631

Ion Ratio Lower Upper

76 100

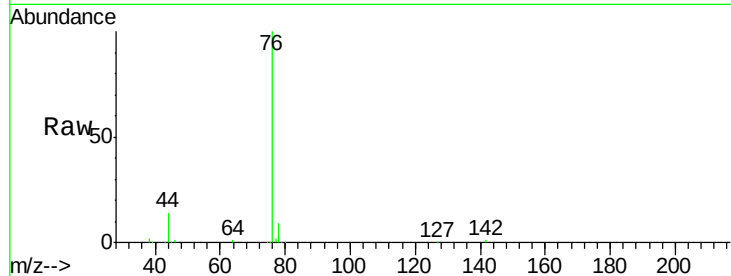
78 9.4 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN062155.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062155.D (-600) (-)

4.01

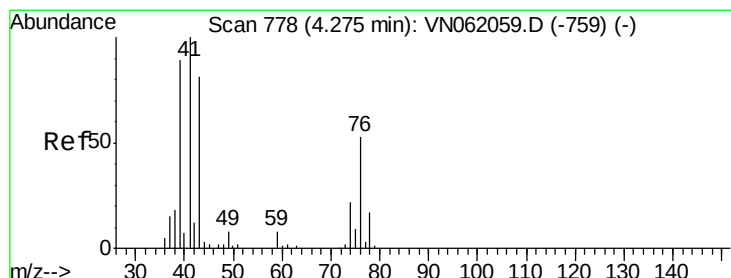
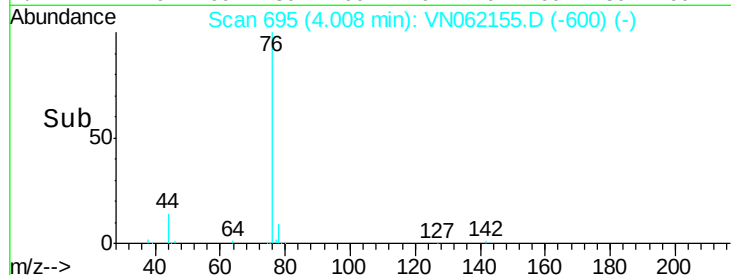
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.215 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062155.D

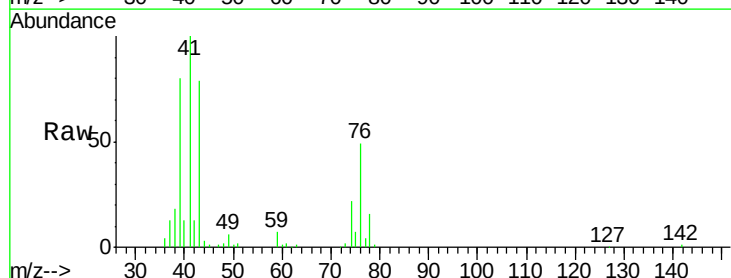
Acq: 26 Jun 2020 21:51

Tgt Ion: 43 Resp: 140727

Ion Ratio Lower Upper

43 100

74 28.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062155.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062155.D (-685) (-)

4.27

50000

40000

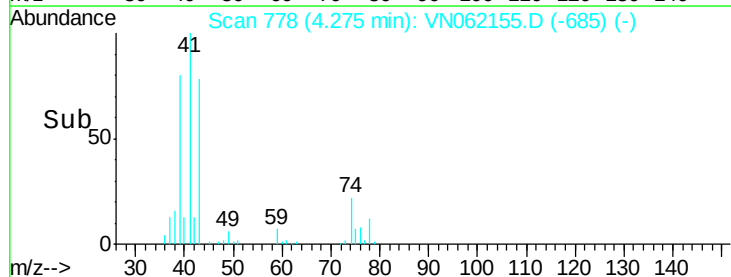
30000

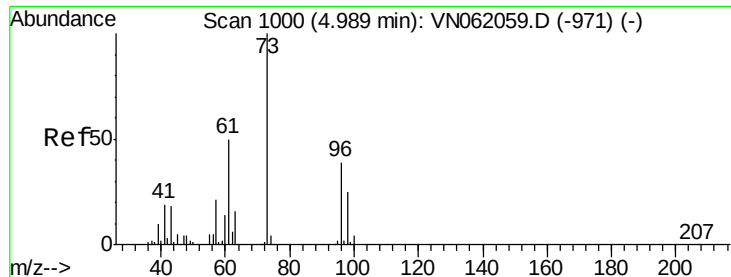
20000

10000

0

Time-->





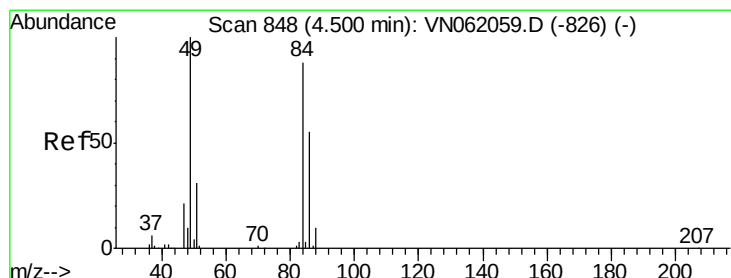
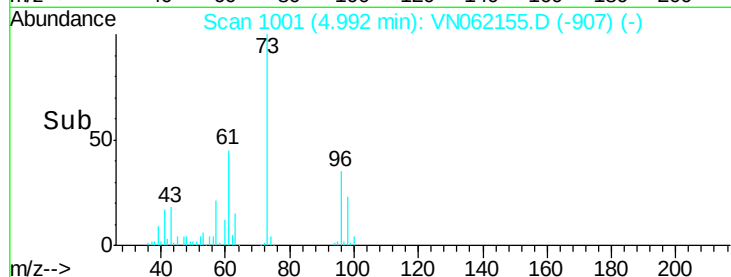
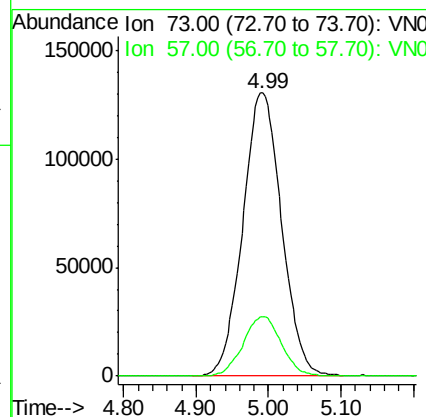
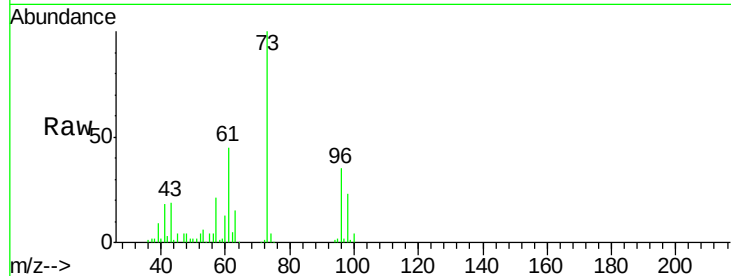
#19
Methyl tert-butyl Ether
Concen: 54.815 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 485901
Ion Ratio Lower Upper
73 100
57 21.0 16.6 24.8

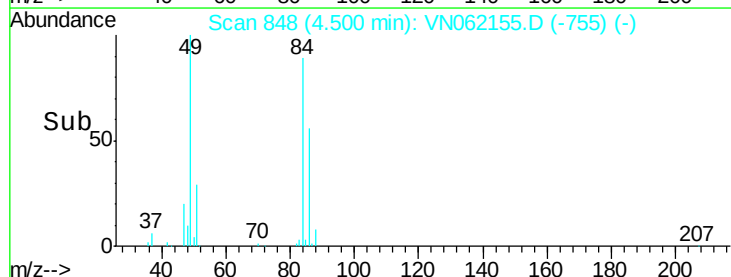
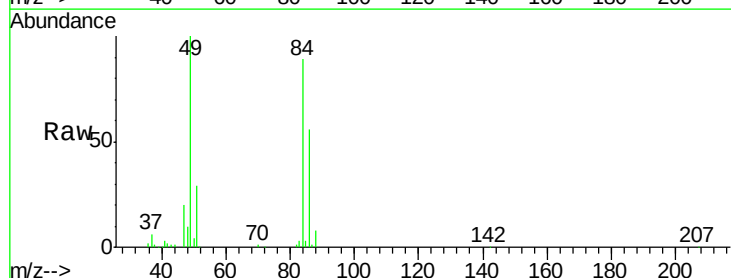
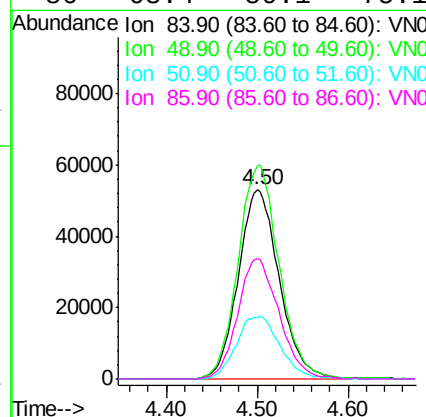
Manual Integrations
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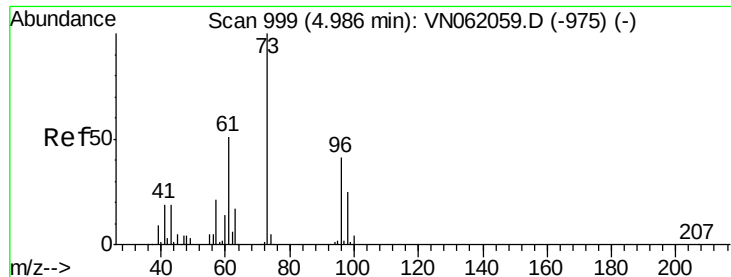
MMDadoda
6/29/2020 12:35:50 PM



#20
Methylene Chloride
Concen: 53.234 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion: 84 Resp: 165641
Ion Ratio Lower Upper
84 100
49 112.7 90.6 136.0
51 32.8 27.8 41.8
86 63.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.187 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

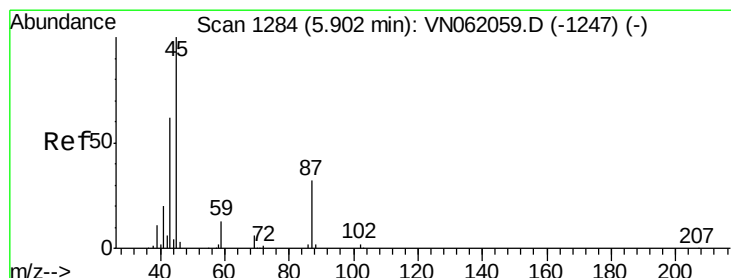
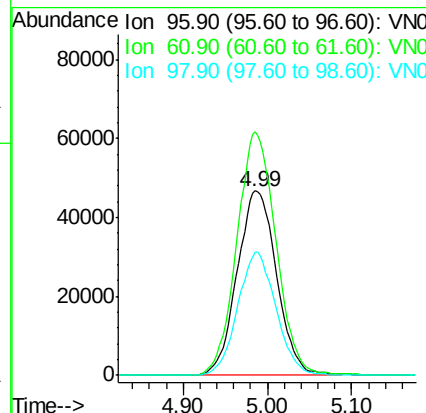
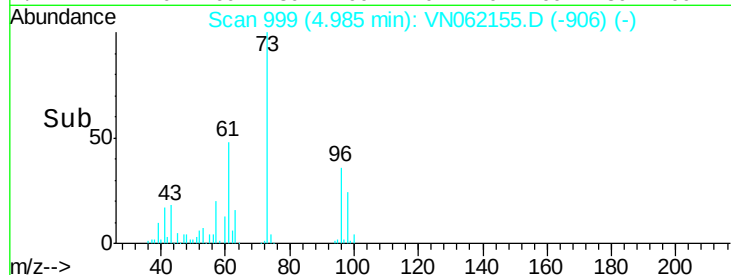
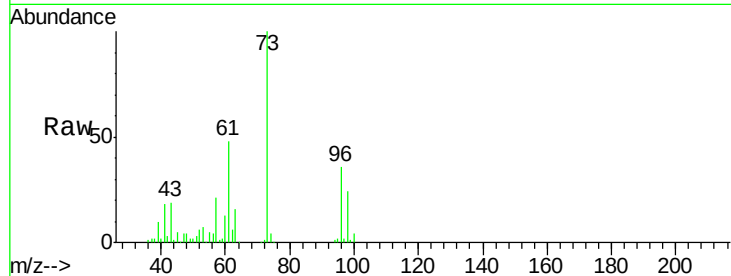
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	152283
Ion	Ratio	Lower	Upper
96	100		
61	132.2	101.4	152.2
98	66.6	49.3	73.9

Manual Integrations
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6/29/2020 12:35:50 PM



#22

Diisopropyl ether

Concen: 52.742 ug/l

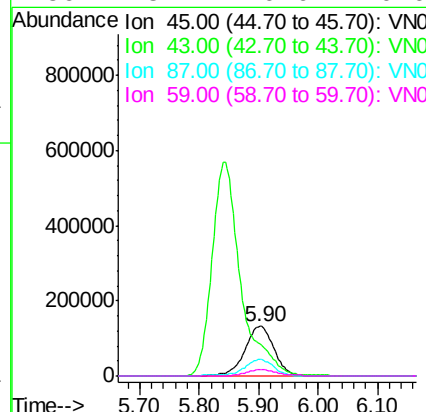
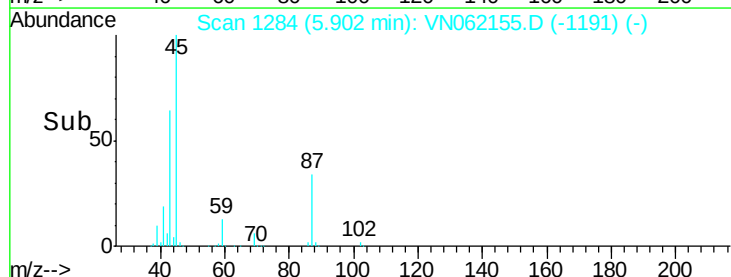
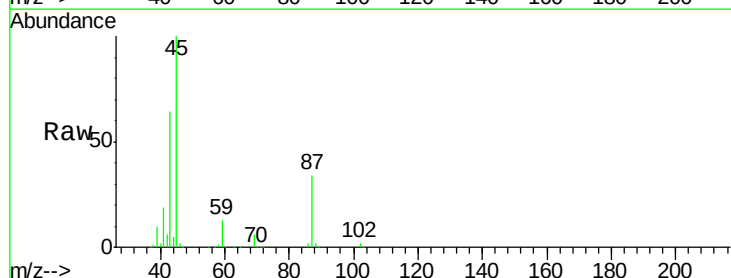
RT: 5.90 min Scan# 1284

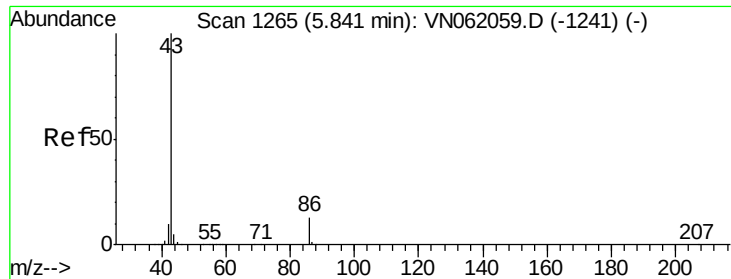
Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion:	45	Resp:	453558
Ion	Ratio	Lower	Upper
45	100		
43	63.1	49.7	74.5
87	33.6	25.9	38.9
59	13.1	10.6	16.0





#23

Vinyl Acetate

Concen: 271.425 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1905704

Ion Ratio Lower Upper

43 100

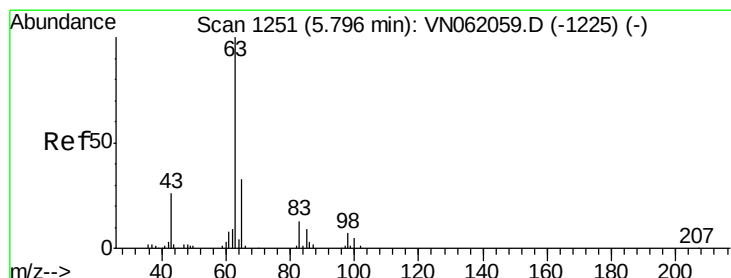
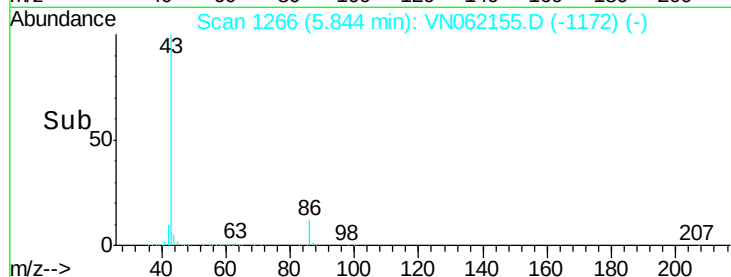
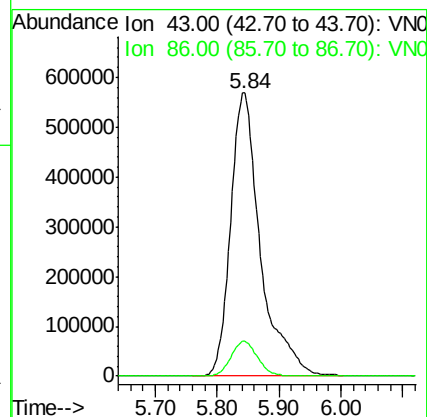
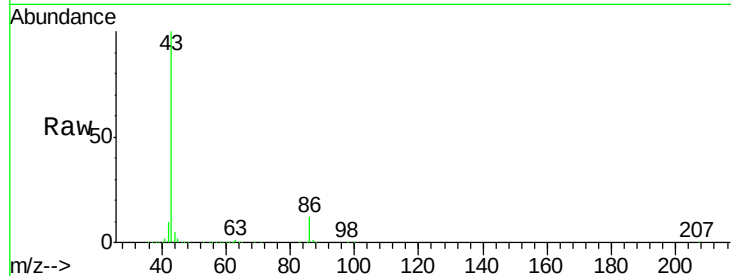
86 12.3 10.1 15.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.415 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

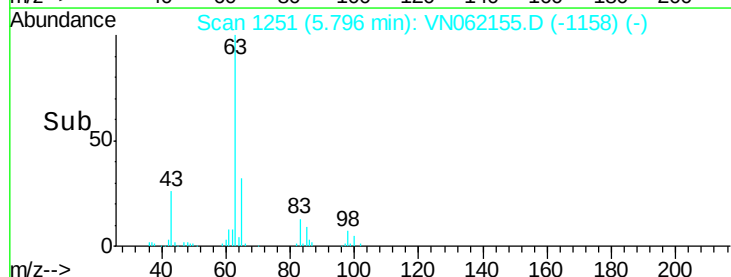
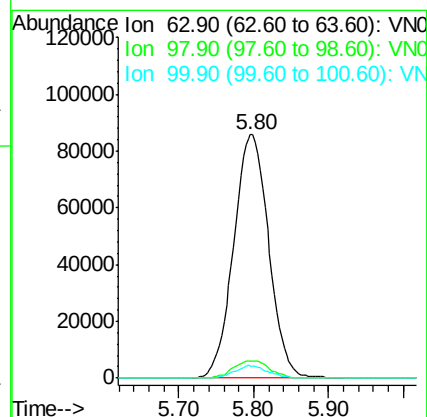
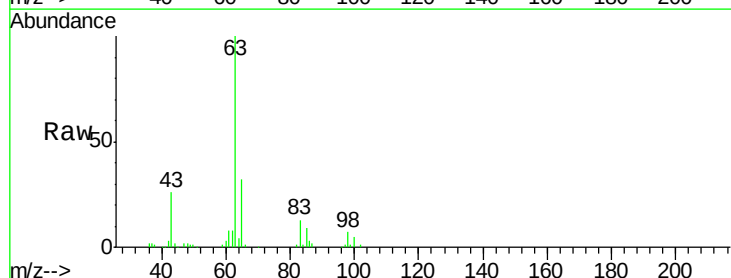
Tgt Ion: 63 Resp: 279181

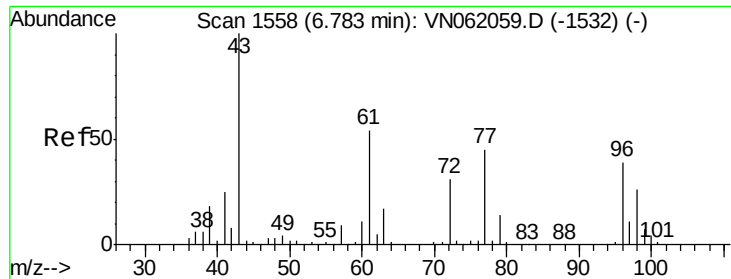
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 265.169 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 439433

Ion Ratio Lower Upper

43 100

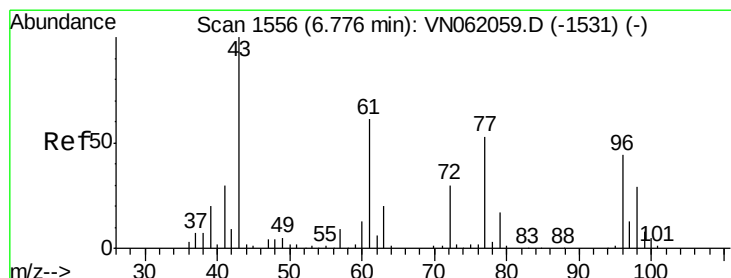
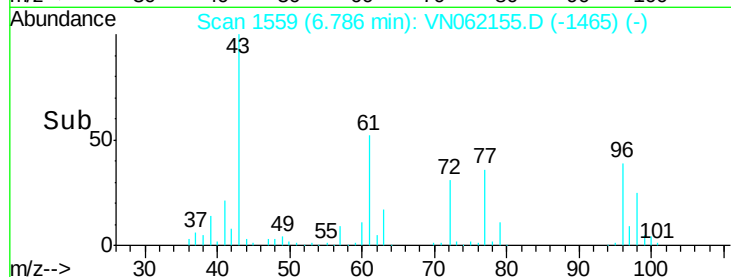
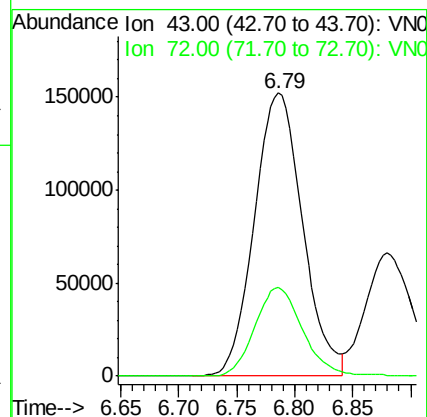
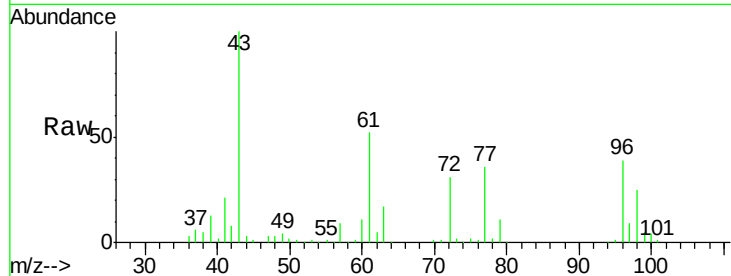
72 31.3 24.8 37.2

Manual Integrations

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MMDadoda

6/29/2020 12:35:50 PM



#26

2,2-Dichloropropane

Concen: 43.690 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062155.D

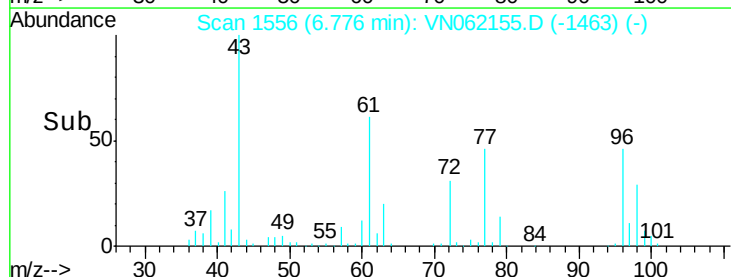
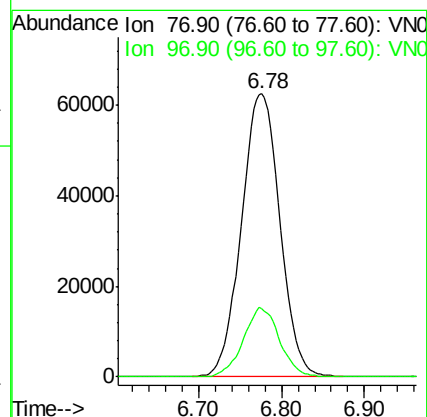
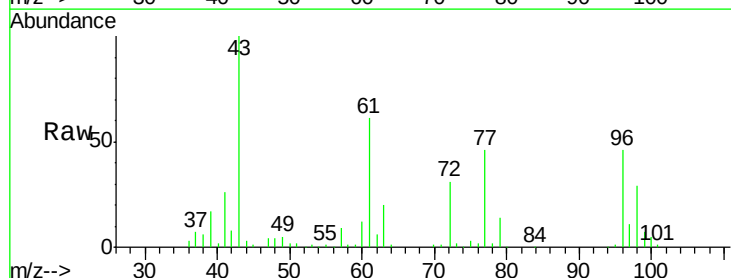
Acq: 26 Jun 2020 21:51

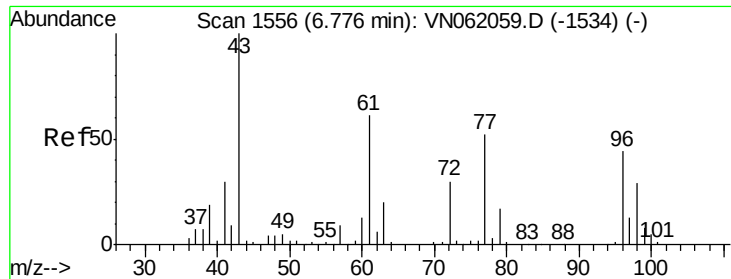
Tgt Ion: 77 Resp: 201614

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.447 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

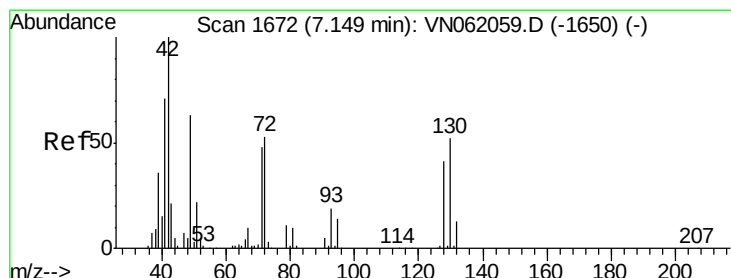
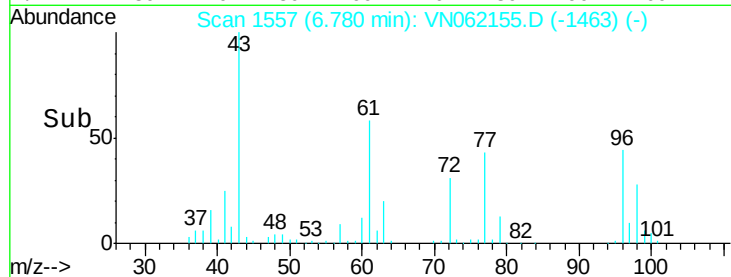
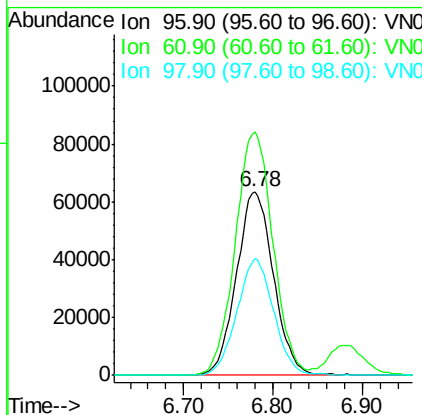
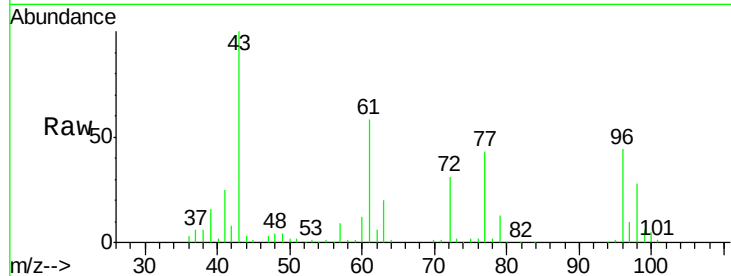
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	182950
Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	280.4
98	63.1	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 48.619 ug/l

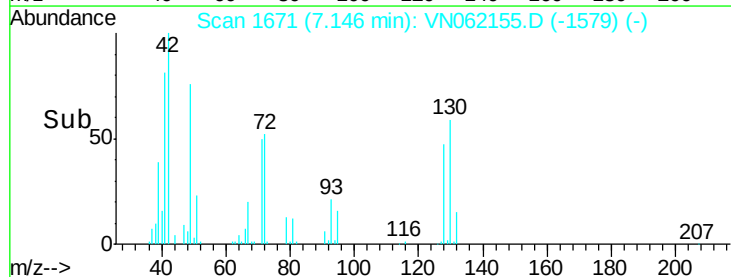
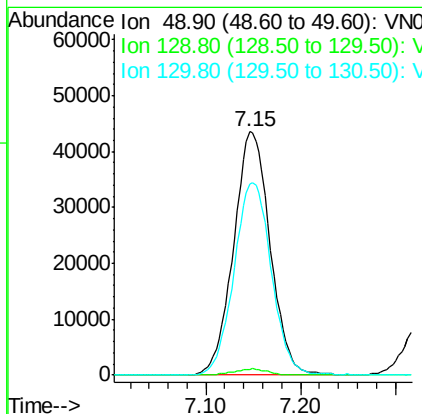
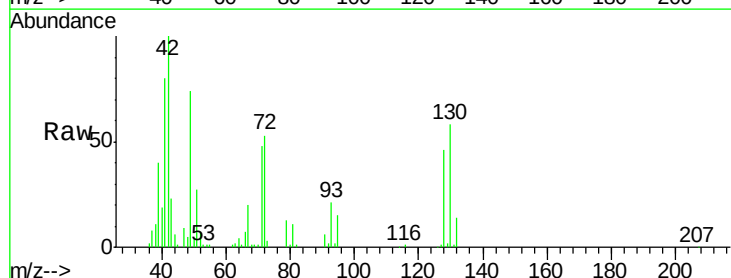
RT: 7.15 min Scan# 1671

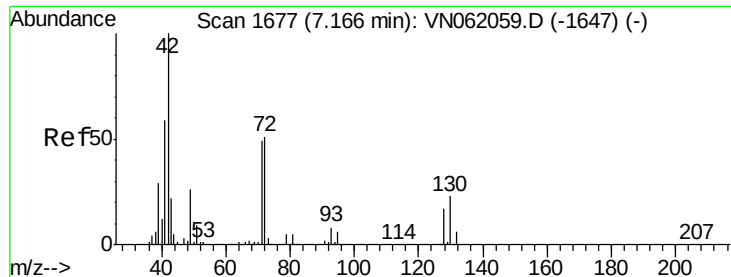
Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion:	49	Resp:	116816
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	80.7	65.5	98.3





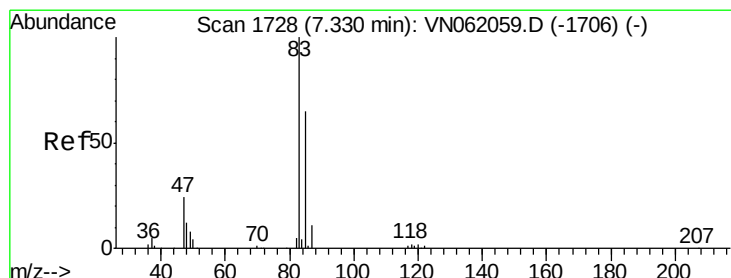
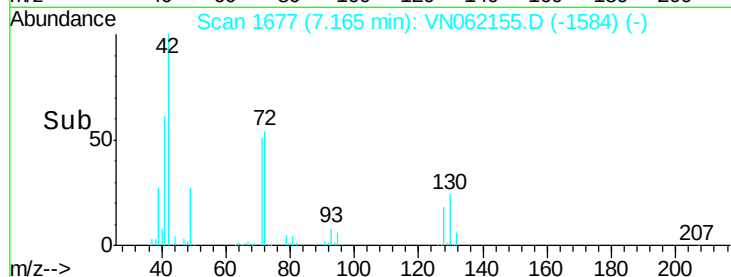
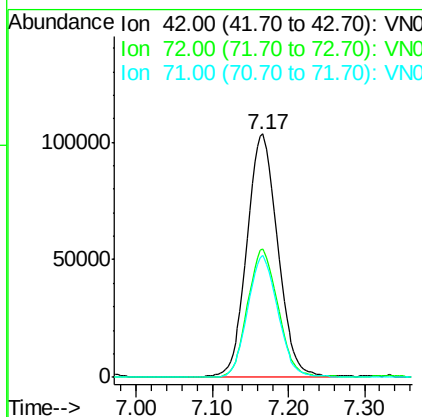
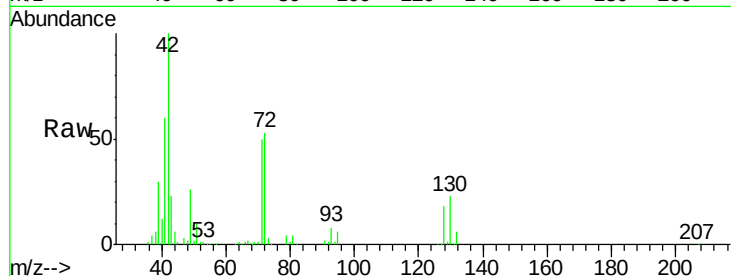
#29
Tetrahydrofuran
Concen: 271.343 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	41.1	61.7
71	48.8	38.2	57.4

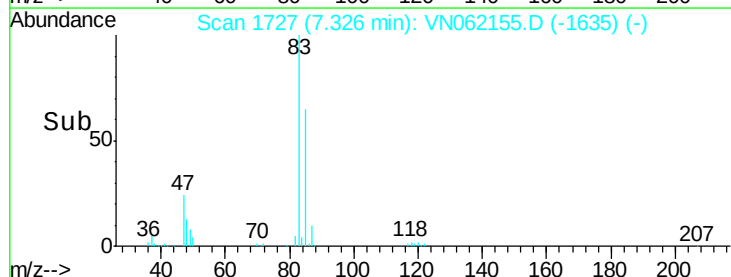
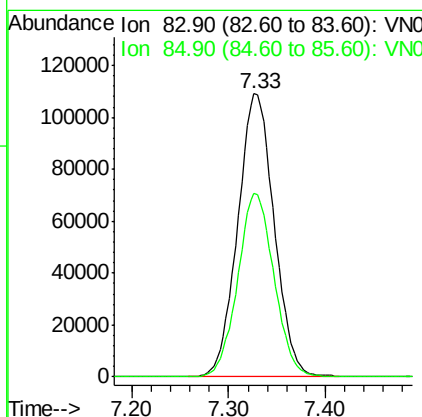
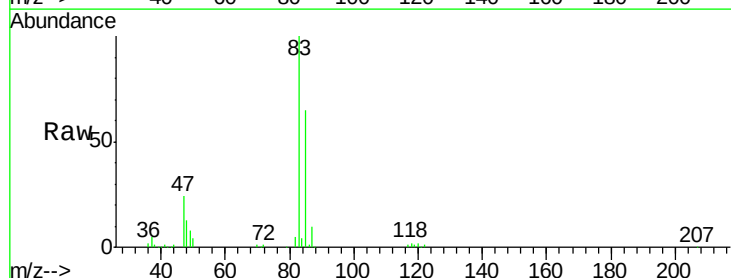
Manual Integrations
APPROVED

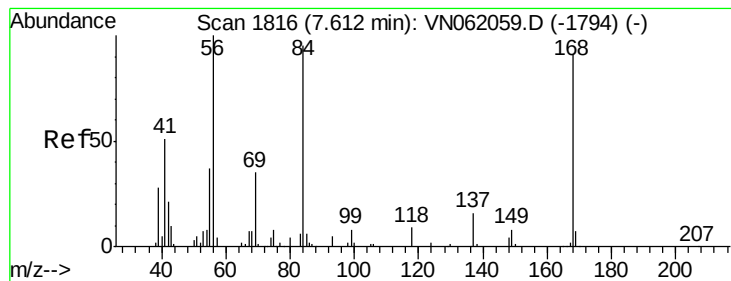
MMDadoda
6/29/2020 12:35:50 PM



#30
Chloroform
Concen: 50.689 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.3	78.5





#31

Cyclohexane

Concen: 49.817 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

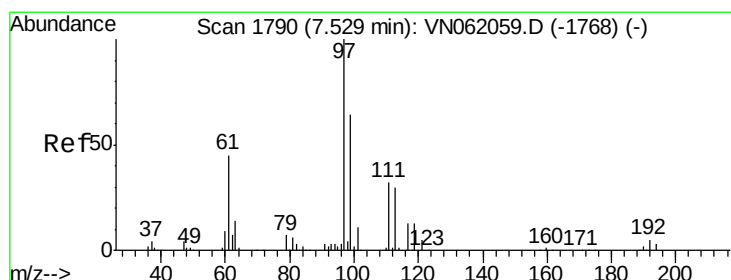
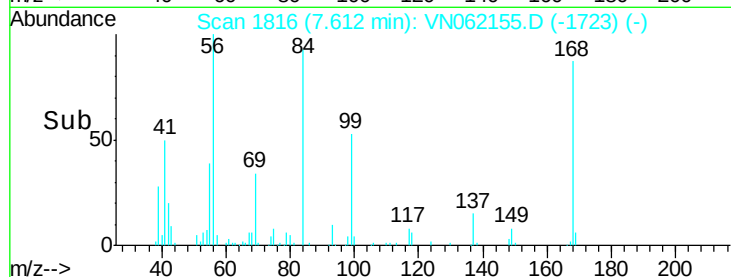
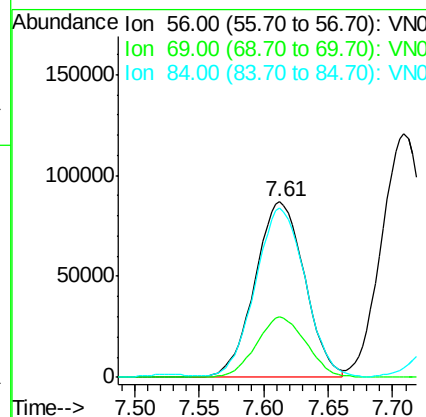
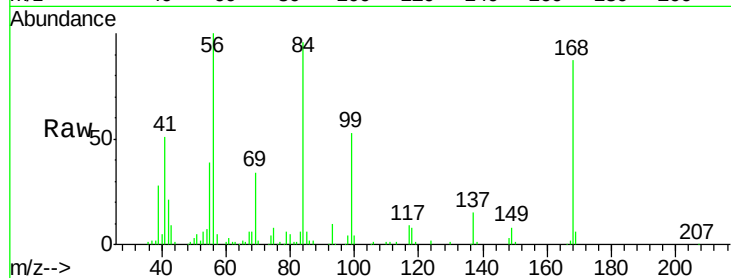
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	233349
Ion	Ratio	Lower	Upper
56	100		
69	34.4	28.0	42.0
84	95.5	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.537 ug/l

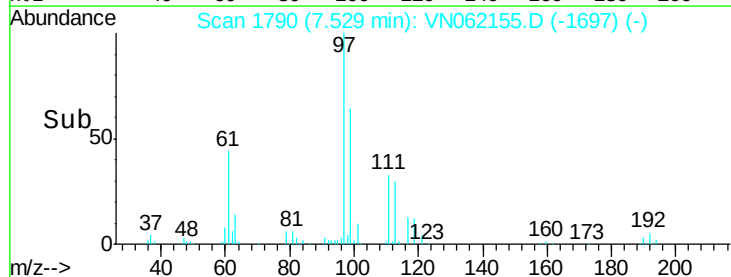
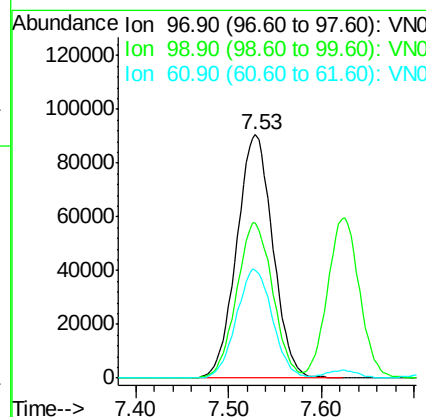
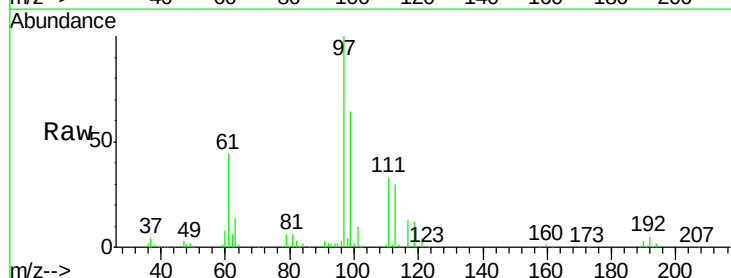
RT: 7.53 min Scan# 1790

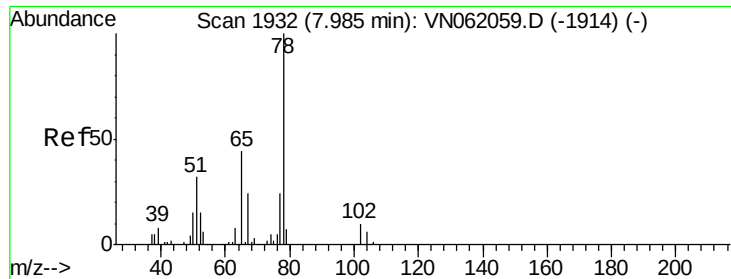
Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion:	97	Resp:	244875
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	44.7	36.2	54.2





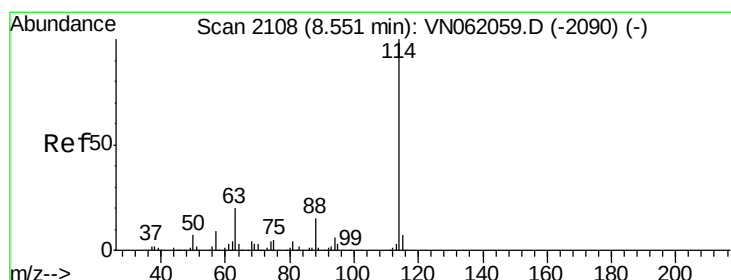
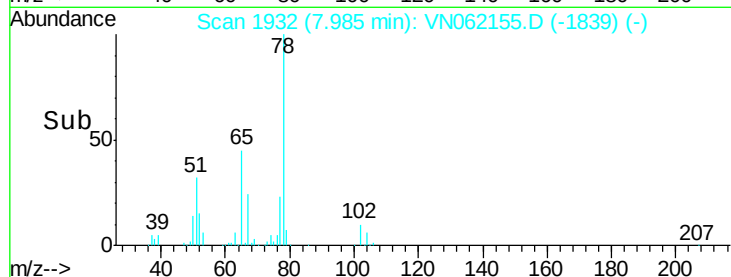
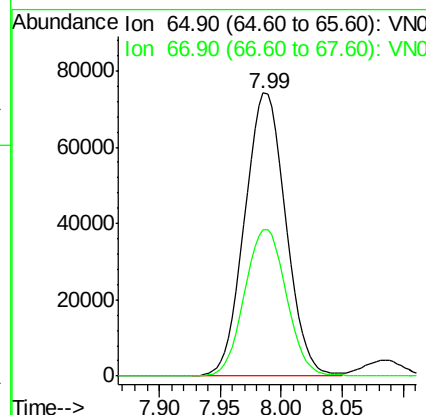
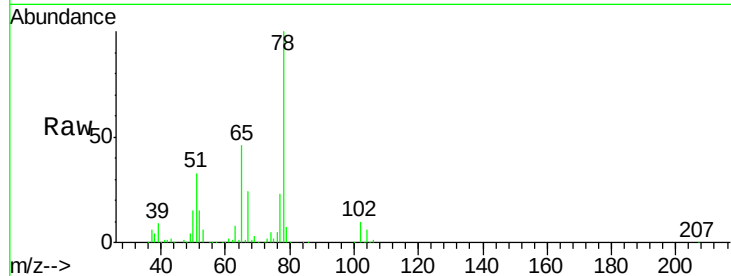
#33
 1,2-Dichloroethane-d4
 Concen: 51.245 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173741		
67	52.6	0.0	106.2	

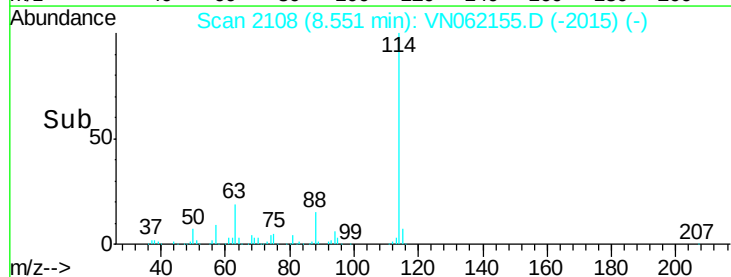
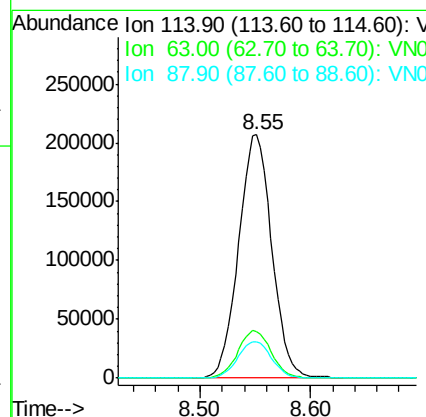
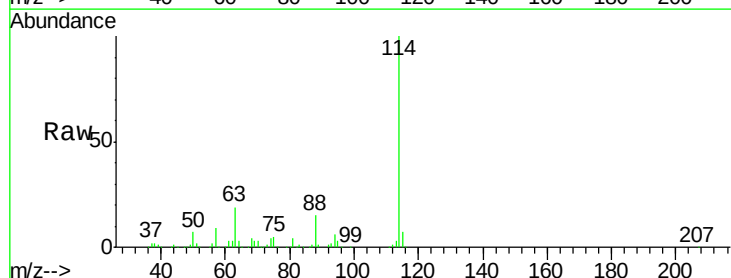
Manual Integrations
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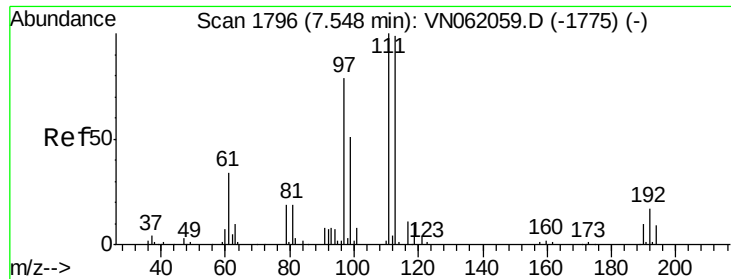
MMDadoda
 6/29/2020 12:35:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	430882		
63	19.3	0.0	39.2	
88	15.1	0.0	30.8	





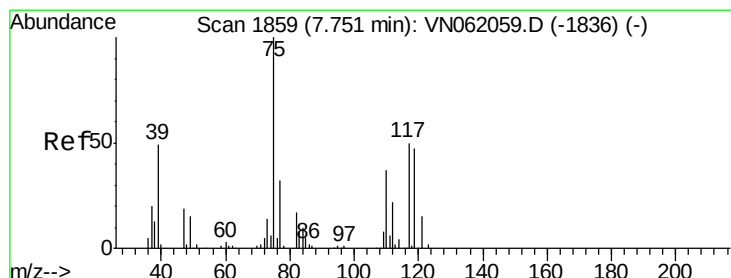
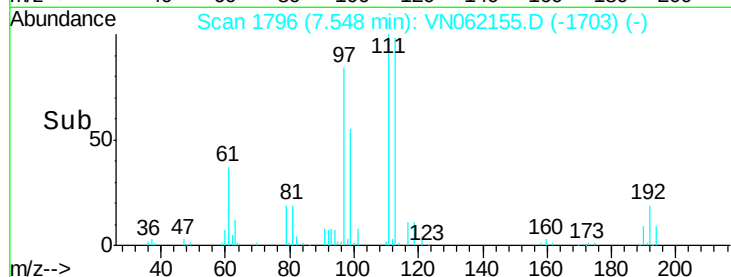
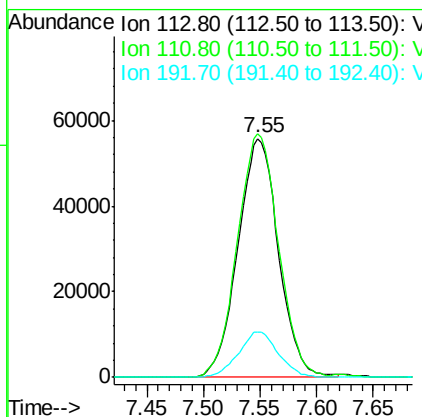
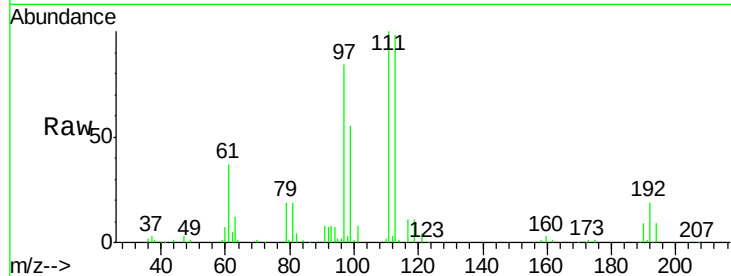
#35
Dibromofluoromethane
Concen: 50.157 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138649		
111	103.7	82.2	123.4	
192	18.7	14.0	21.0	

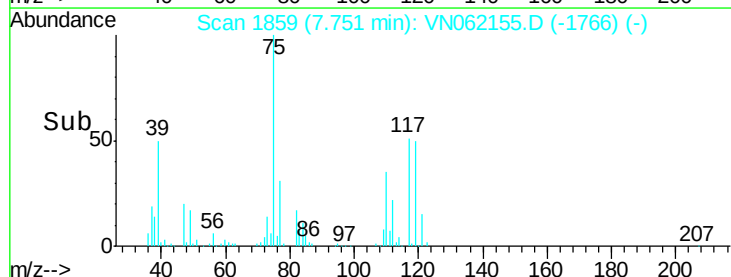
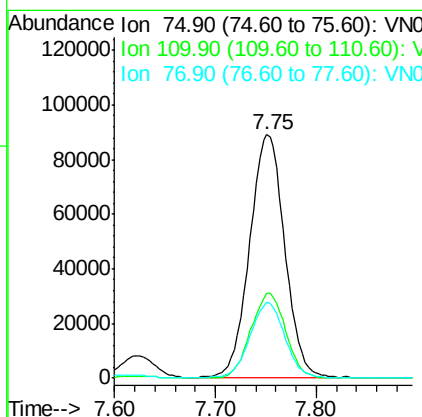
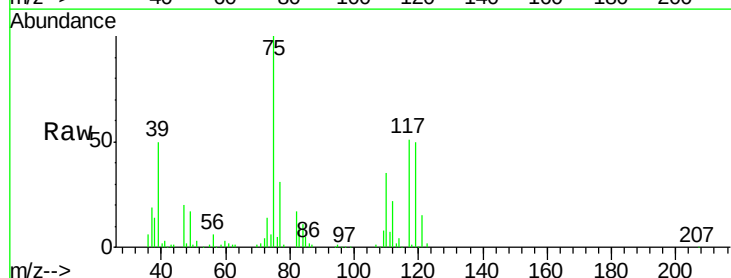
Manual Integrations
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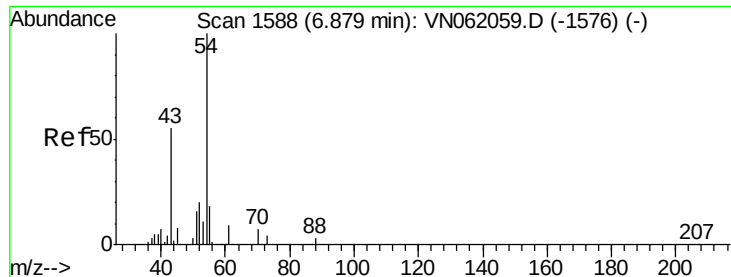
MMDadoda
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#36
1,1-Dichloropropene
Concen: 49.448 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214159		
110	34.8	17.9	53.8	
77	31.1	24.9	37.3	





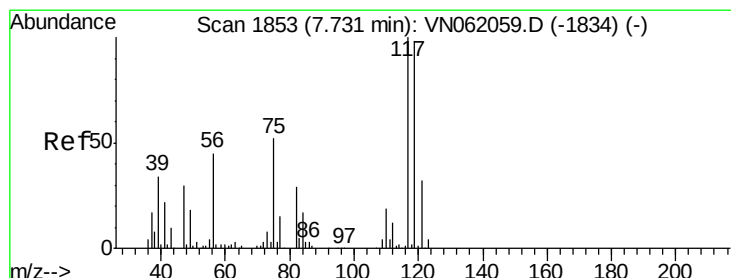
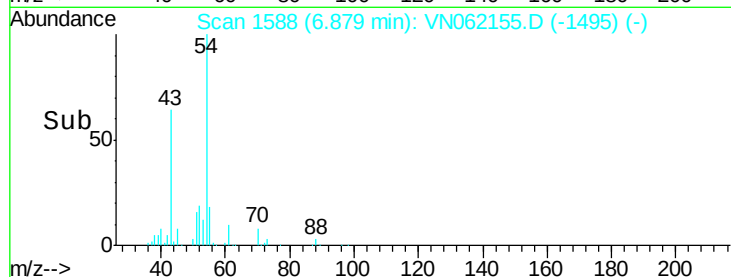
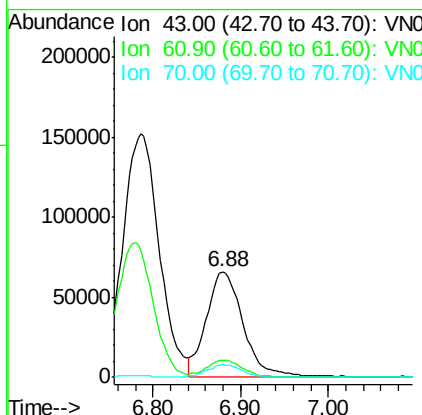
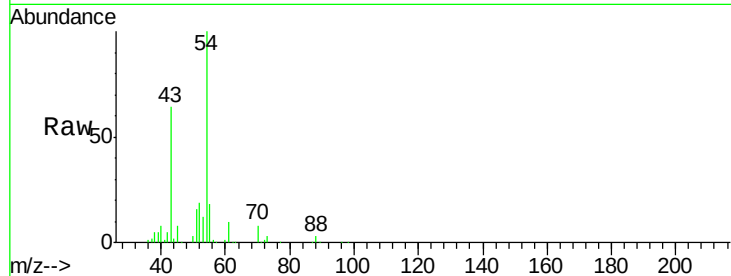
#37
Ethyl Acetate
Concen: 52.962 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.0	18.0
70	11.7	9.6	14.4

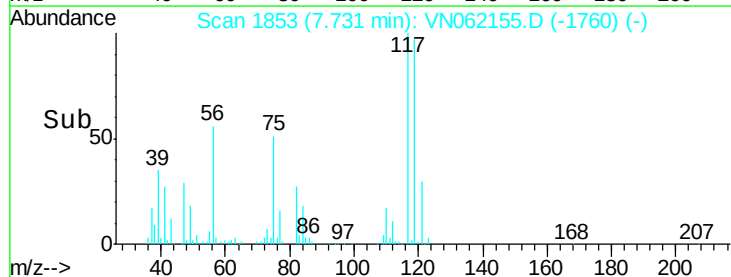
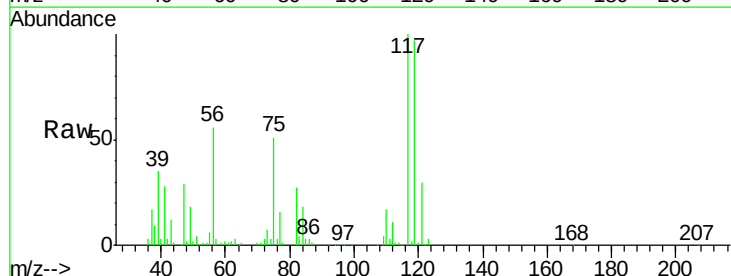
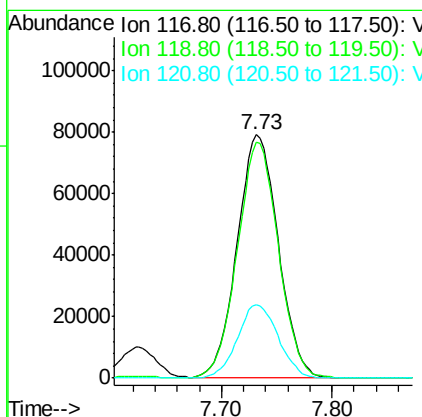
Manual Integrations
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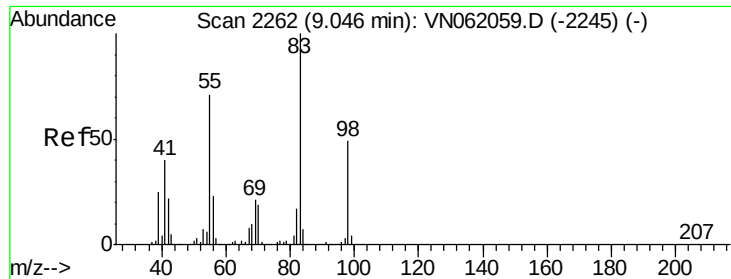
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#38
Carbon Tetrachloride
Concen: 49.792 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.2
121	30.1	25.8	38.6





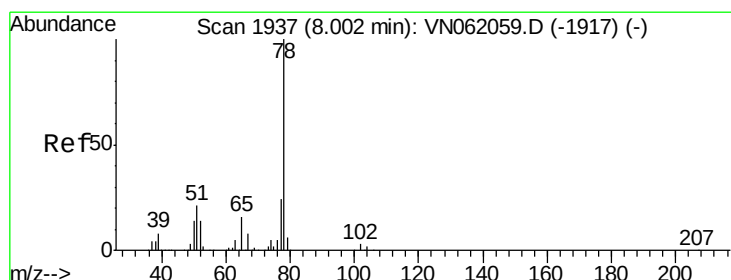
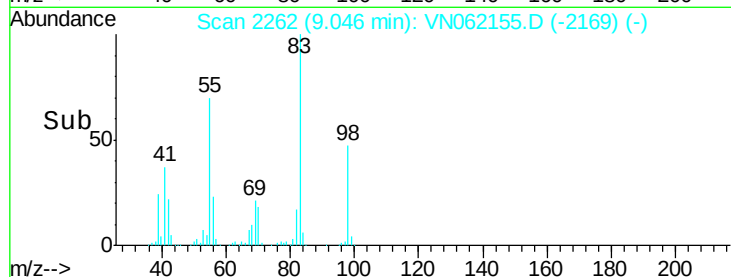
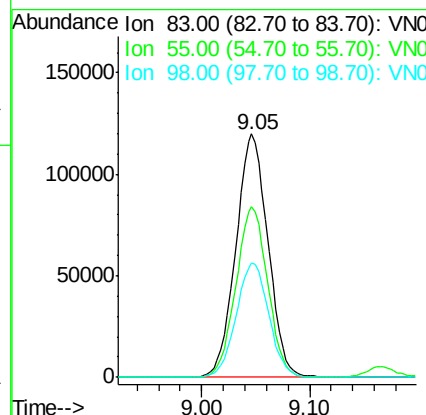
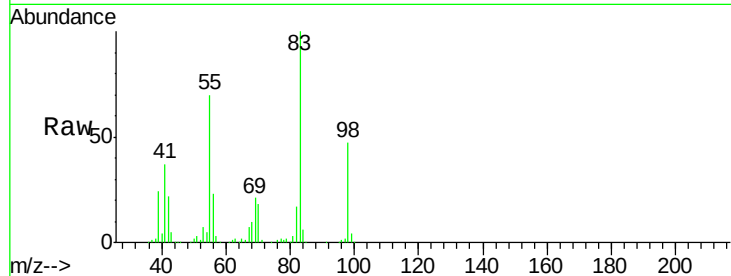
#39
Methylvlcyclohexane
Concen: 52.371 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	248522
Ion	Ratio	Lower	Upper
83	100		
55	70.0	57.0	85.6
98	47.0	39.0	58.6

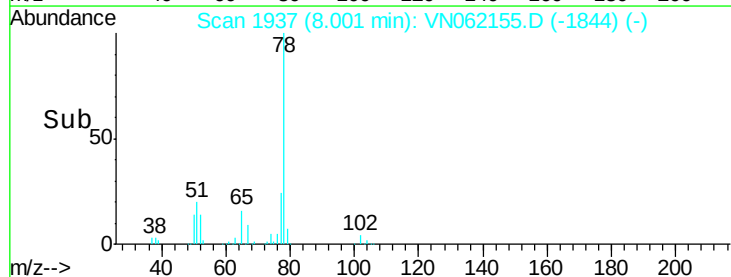
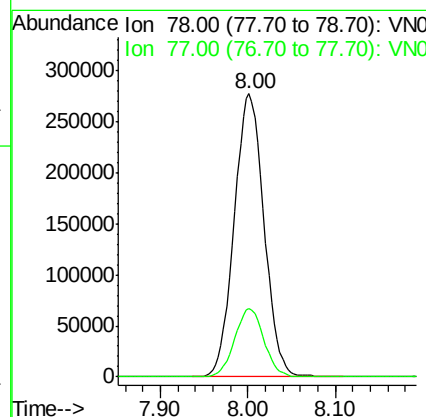
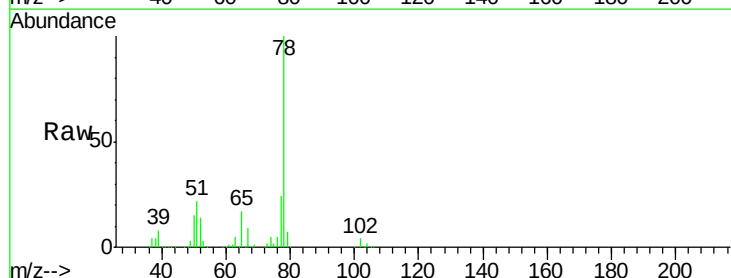
Manual Integrations
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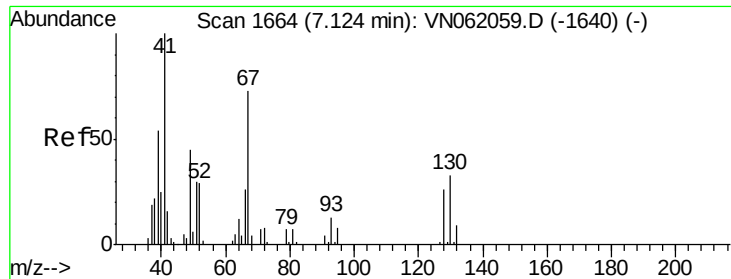
MMDadoda
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#40
Benzene
Concen: 49.727 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	78	Resp	656426
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





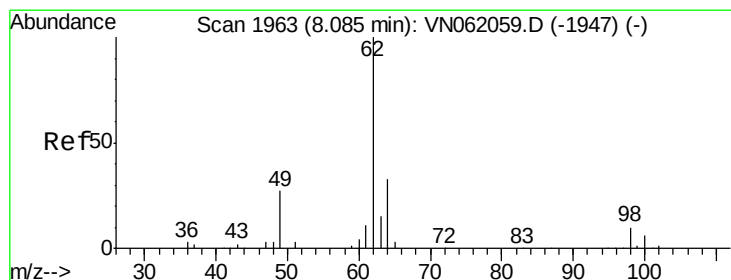
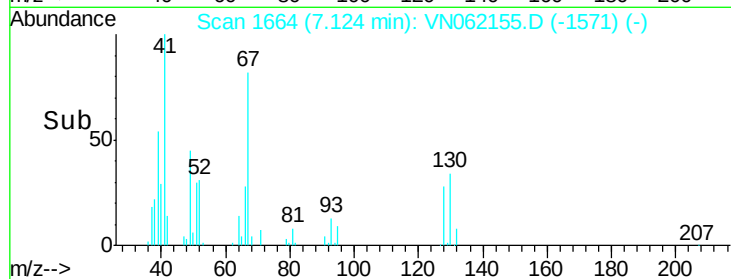
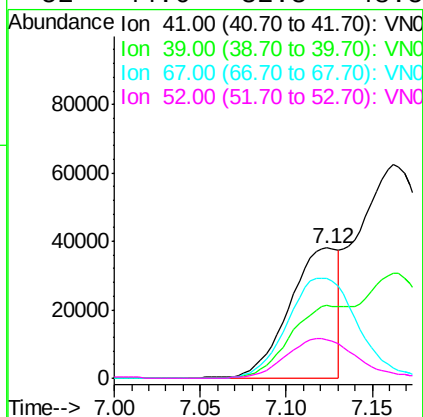
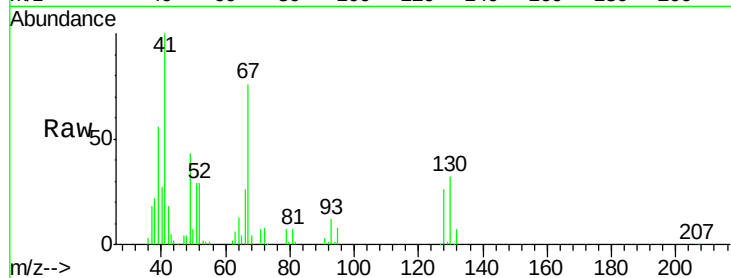
#41
Methacrylonitrile
Concen: 45.250 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	75234
Ion	Ratio	Lower	Upper
41	100		
39	65.6	44.2	66.2
67	111.1	79.5	119.3
52	44.6	32.3	48.5

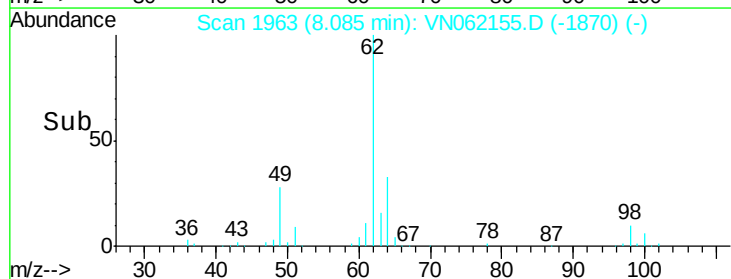
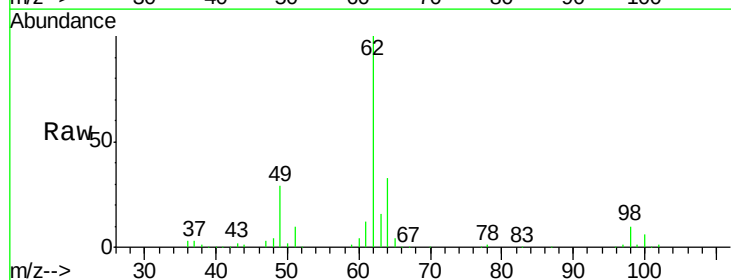
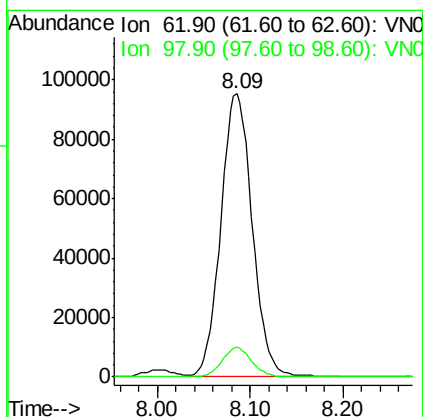
Manual Integrations
APPROVED

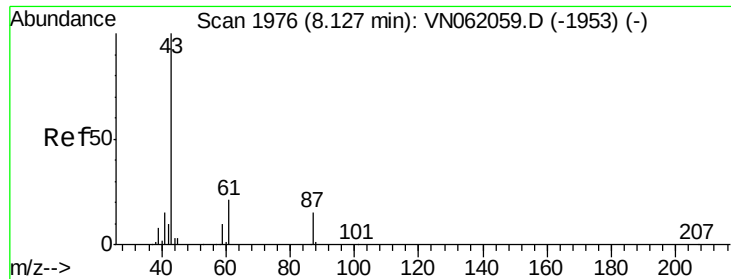
MMDadoda
6/29/2020 12:35:50 PM



#42
1,2-Dichloroethane
Concen: 49.935 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion:	62	Resp:	222714
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





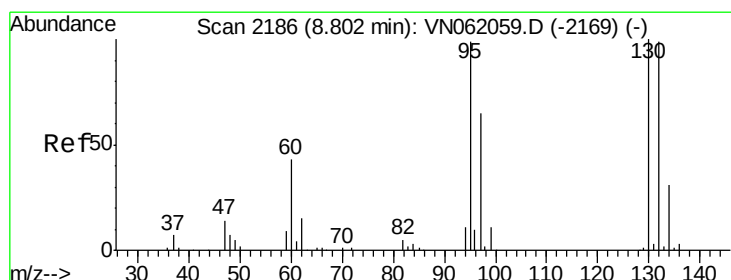
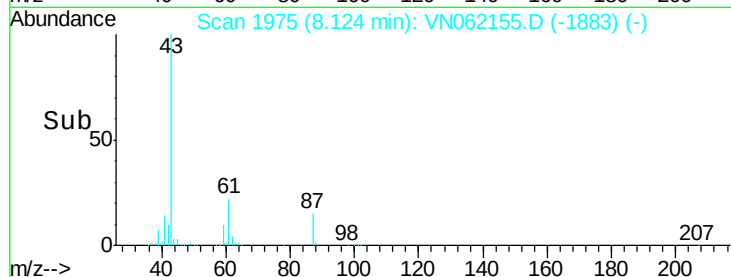
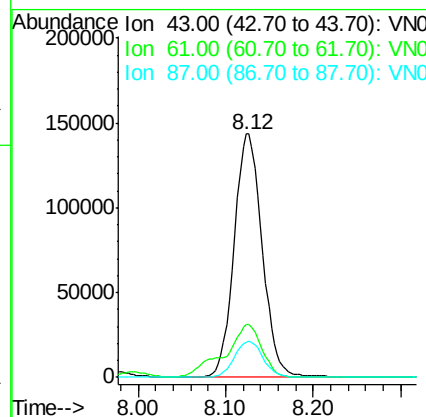
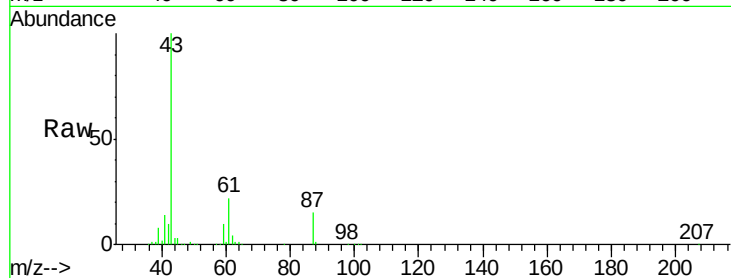
#43
Isopropyl Acetate
Concen: 54.464 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	17.2	25.8
87	15.1	12.1	18.1

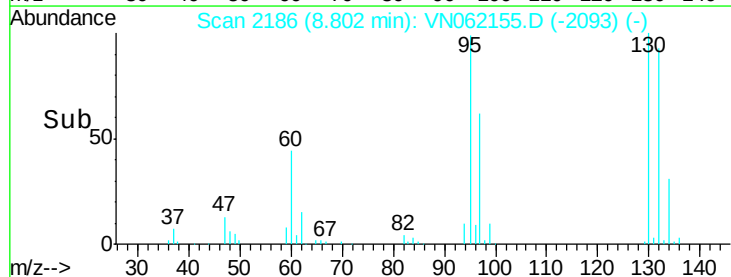
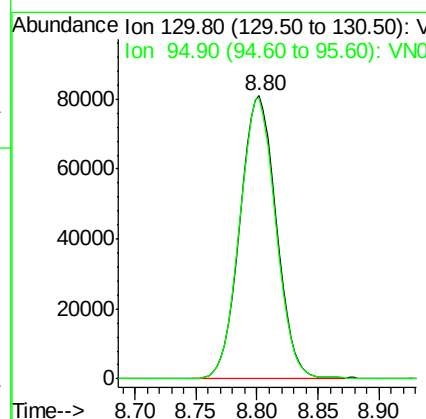
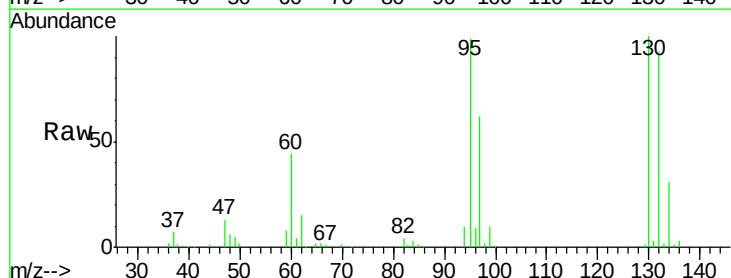
Manual Integrations
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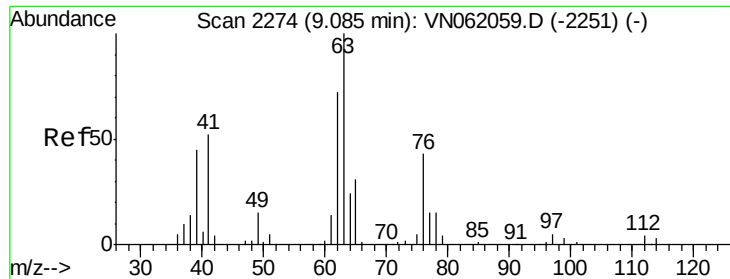
MMDadoda
6/29/2020 12:35:50 PM



#44
Trichloroethene
Concen: 50.094 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	197.8





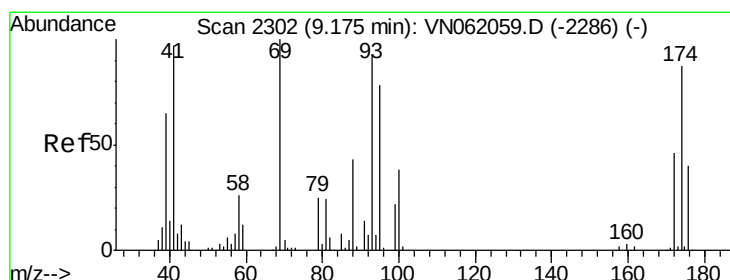
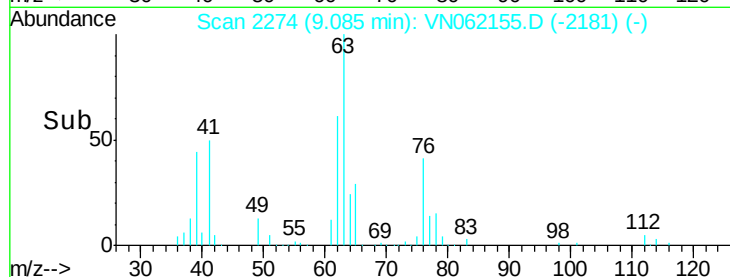
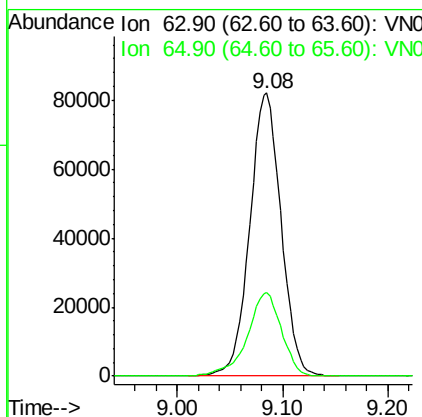
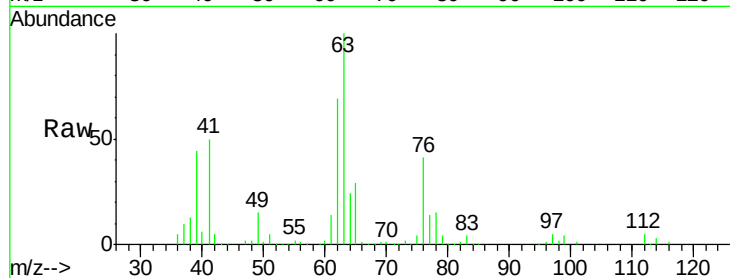
#45
 1,2-Dichloropropane
 Concen: 52.117 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 169728
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.0 37.4

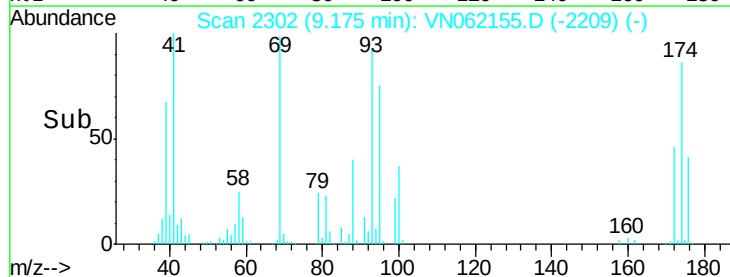
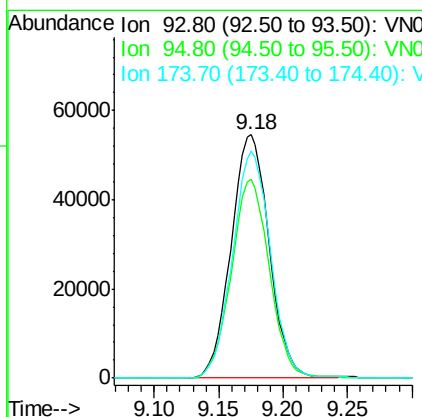
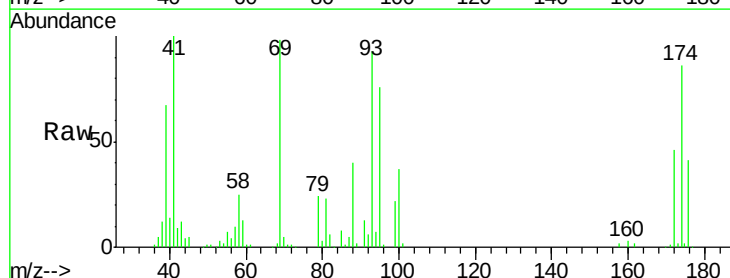
Manual Integrations
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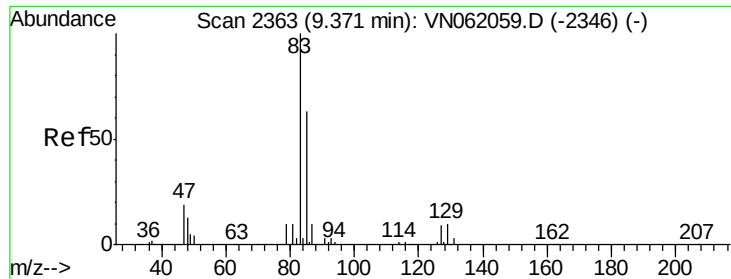
MMDadoda
 6/29/2020 12:35:50 PM



#46
 Dibromomethane
 Concen: 50.710 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 93 Resp: 111969
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.0 100.6
 174 92.8 74.4 111.6





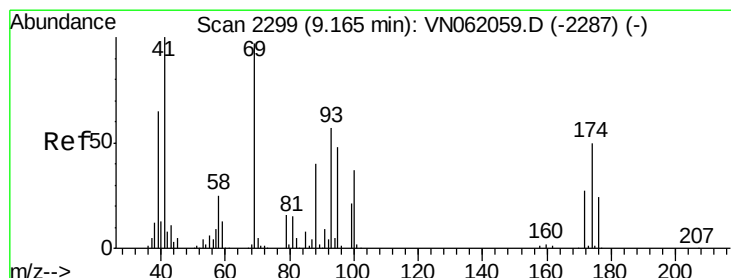
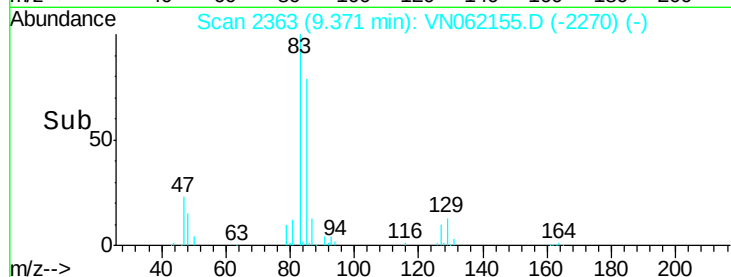
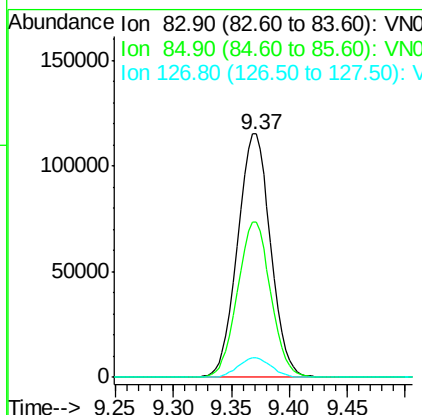
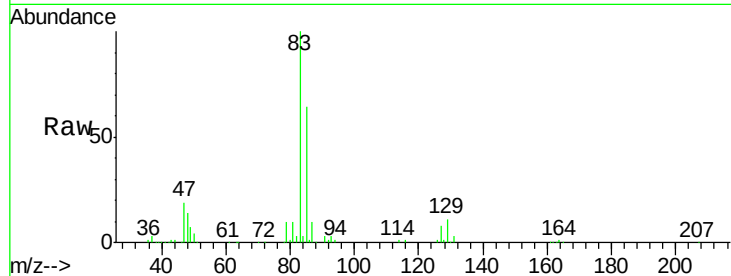
#47
Bromodichloromethane
Concen: 51.140 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	228000
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	50.3	75.5
127	8.0	6.9	10.3

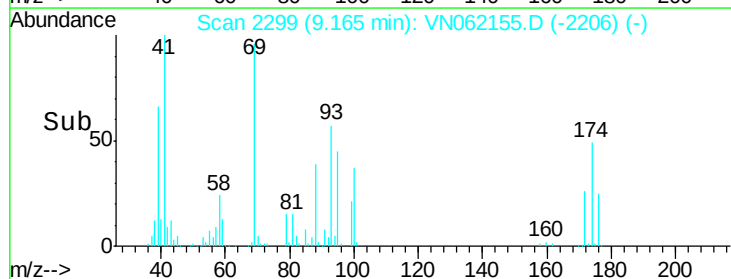
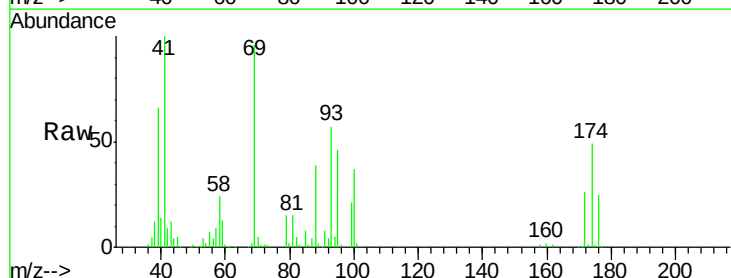
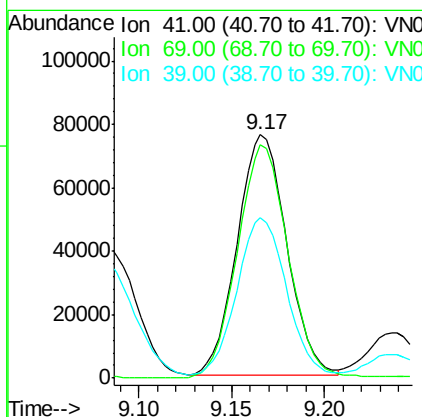
Manual Integrations
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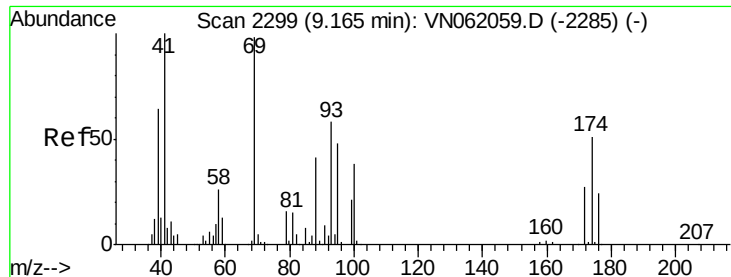
MMDadoda
6/29/2020 12:35:50 PM



#48
Methyl methacrylate
Concen: 53.906 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	41	Resp	141303
Ion Ratio	100	Lower	Upper
41	100		
69	99.9	80.7	121.1
39	67.6	54.5	81.7





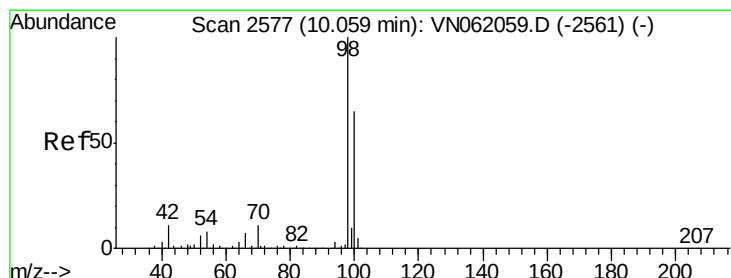
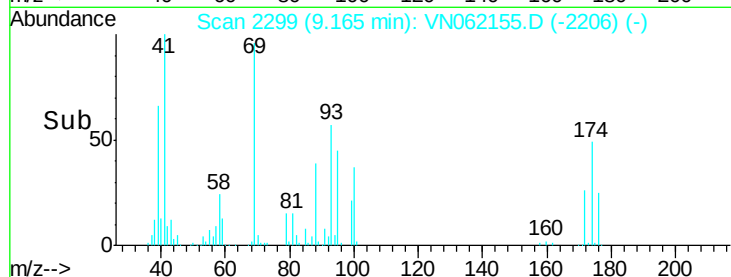
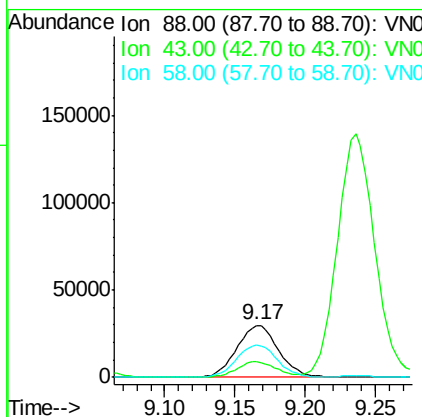
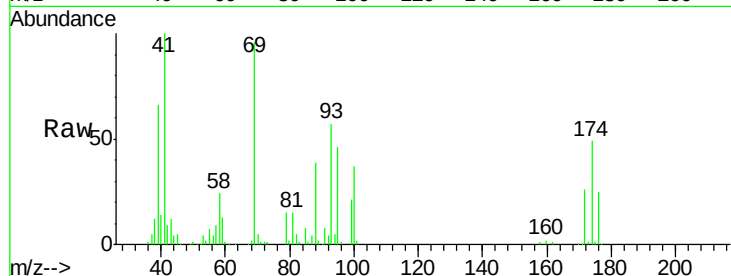
#49
1,4-Dioxane
Concen: 1054.865 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.0	33.0
58	61.4	49.2	73.8

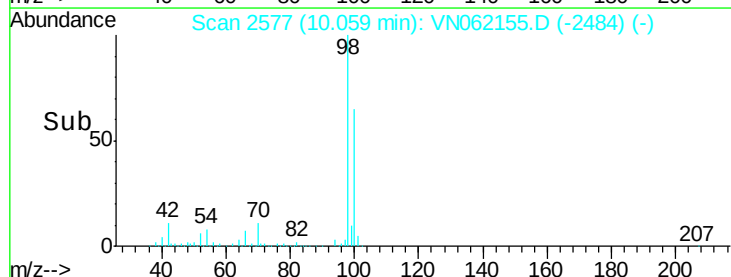
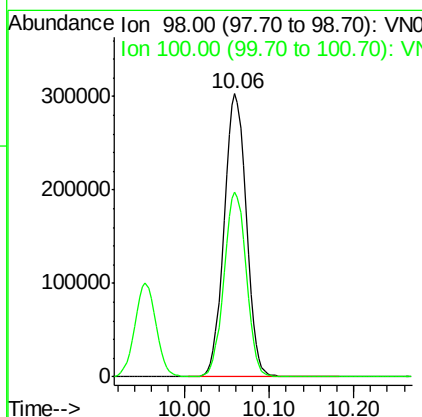
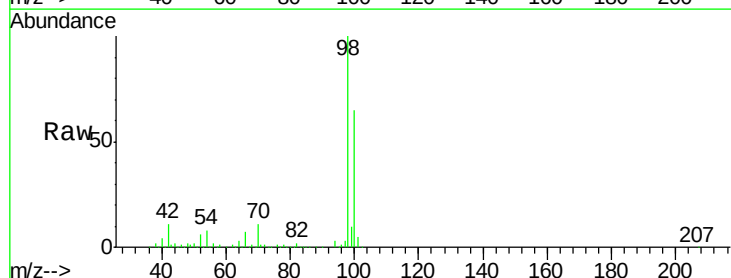
Manual Integrations
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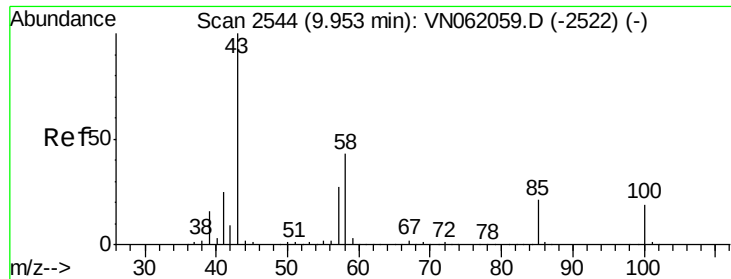
MMDadoda
6/29/2020 12:35:50 PM



#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 279.365 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 954234

Ion Ratio Lower Upper

43 100

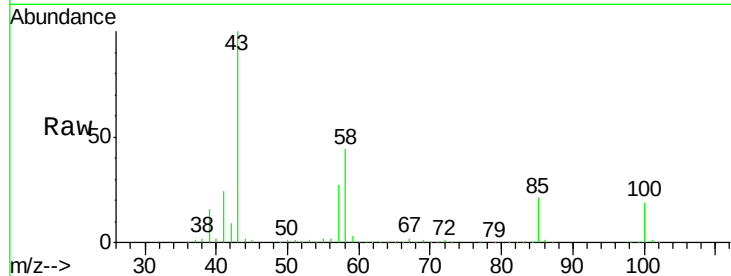
58 42.6 34.2 51.2

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

500000

400000

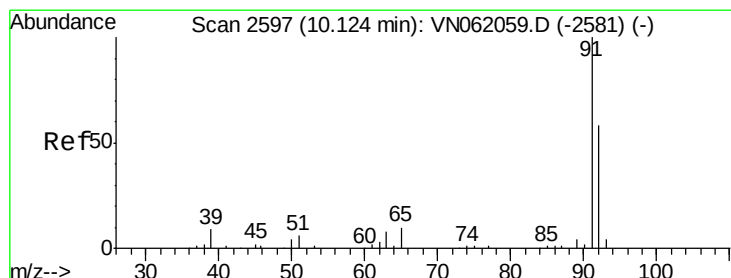
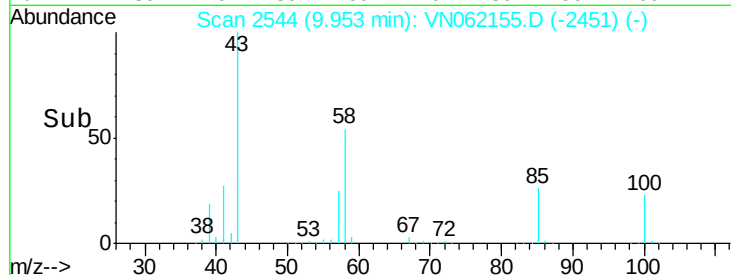
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.115 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062155.D

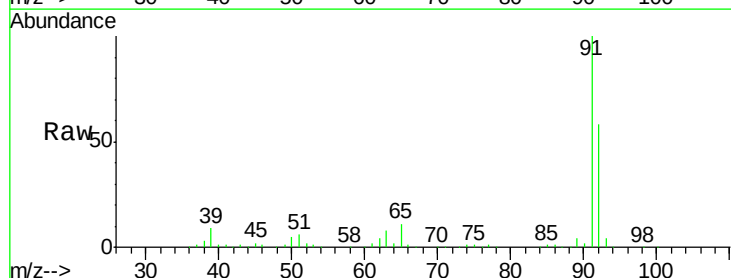
Acq: 26 Jun 2020 21:51

Tgt Ion: 92 Resp: 419756

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

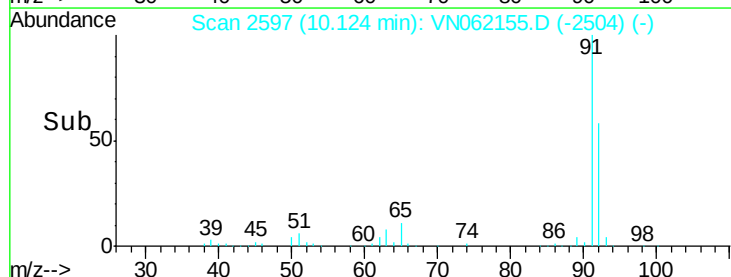
300000

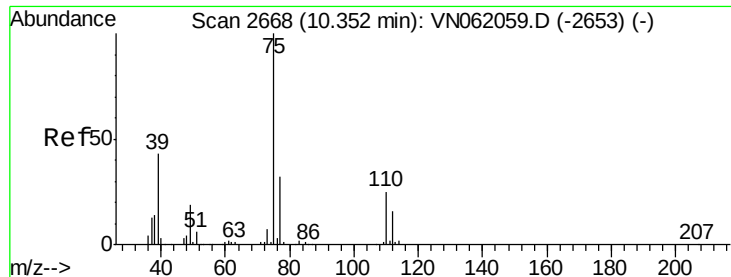
200000

100000

0

Time-->





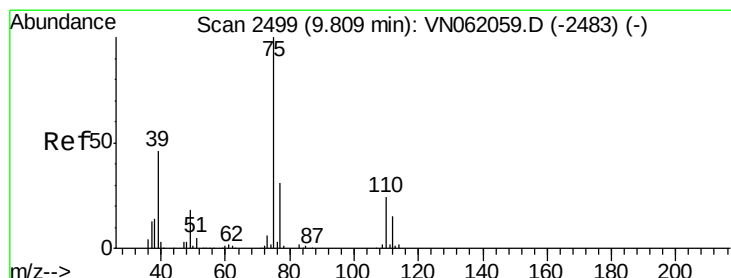
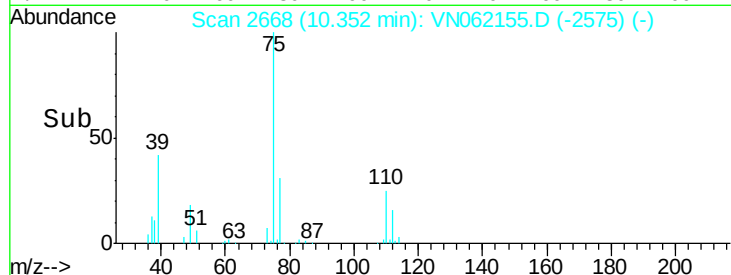
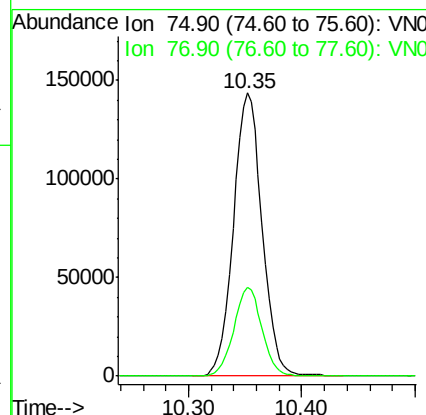
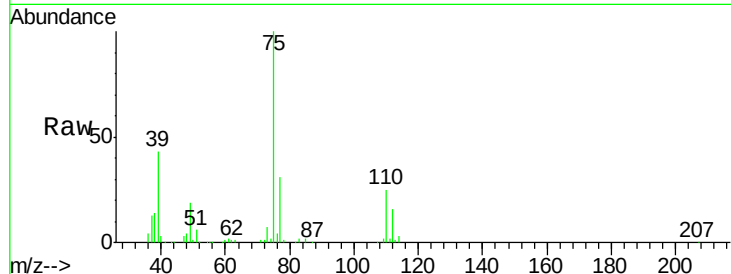
#53
t-1,3-Dichloropropene
Concen: 51.483 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3

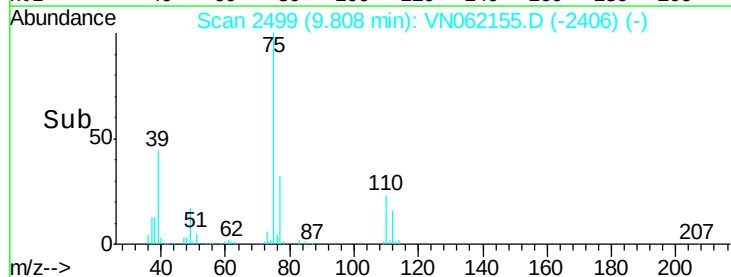
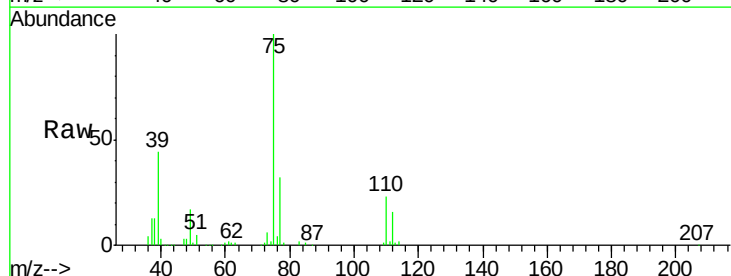
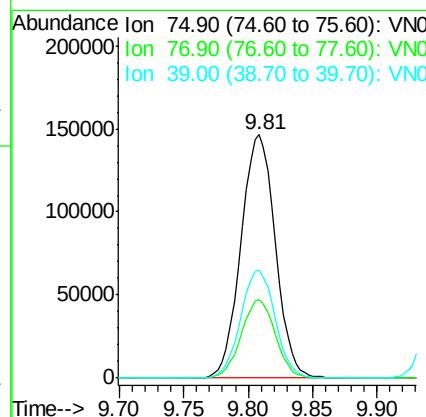
Manual Integrations
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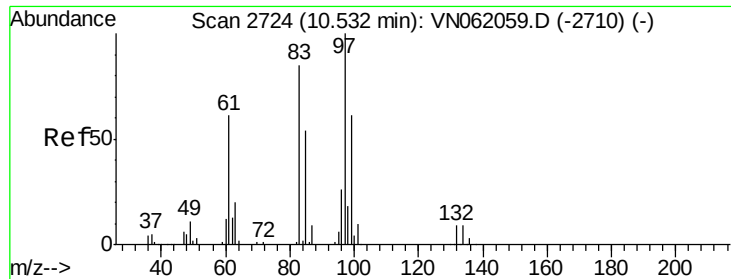
MMDadoda
6/29/2020 12:35:50 PM



#54
cis-1,3-Dichloropropene
Concen: 52.218 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.6
39	44.1	36.9	55.3





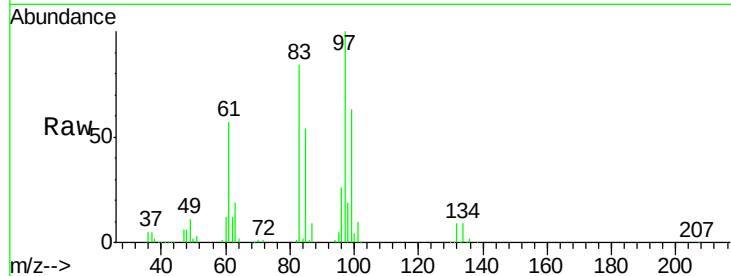
#55
 1,1,2-Trichloroethane
 Concen: 52.093 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	164935		
83	84.2	68.2	102.2	
85	53.8	43.2	64.8	
99	63.1	48.5	72.7	

Manual Integrations
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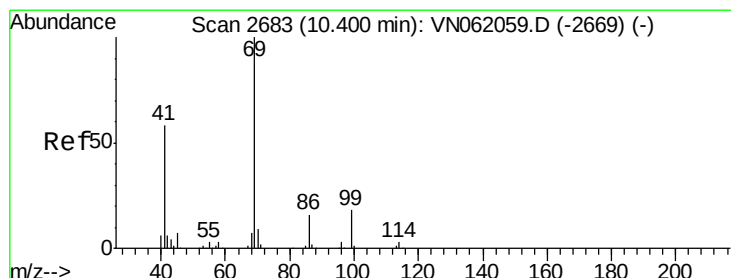
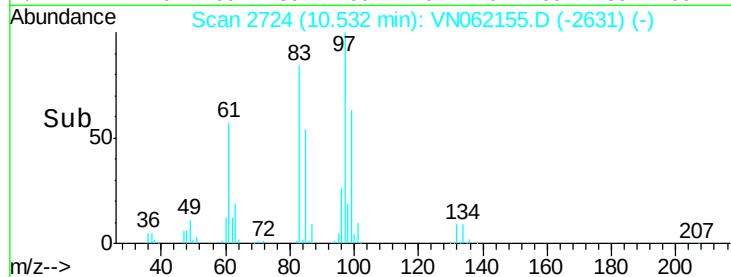
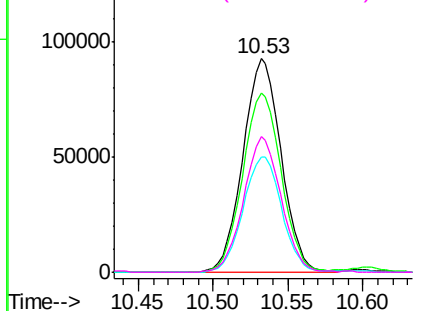


Abundance Ion 96.90 (96.60 to 97.60): VN062155.D (-2631) (-)

Ion 82.90 (82.60 to 83.60): VN062155.D (-2631) (-)

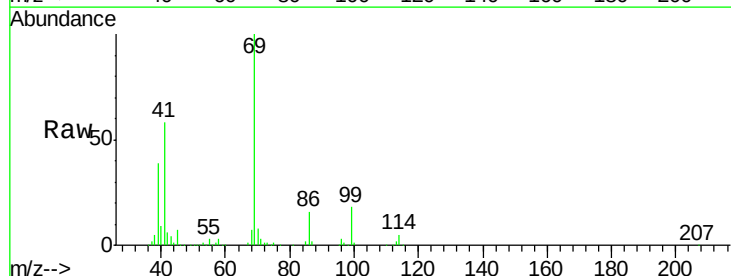
Ion 84.90 (84.60 to 85.60): VN062155.D (-2631) (-)

Ion 98.90 (98.60 to 99.60): VN062155.D (-2631) (-)



#56
 Ethyl methacrylate
 Concen: 57.665 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

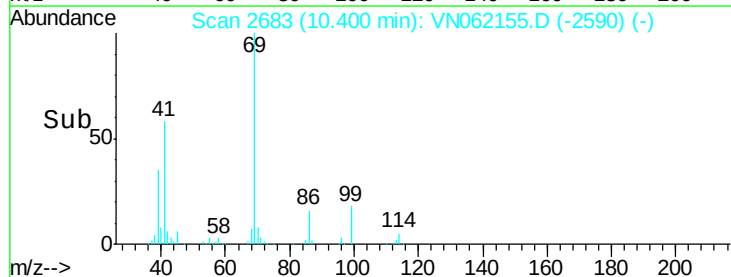
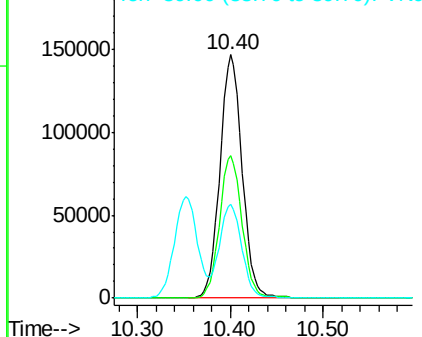
Tgt Ion	Ratio	Resp	Lower	Upper
69	100	243652		
41	58.6	46.6	70.0	
39	38.5	31.0	46.4	

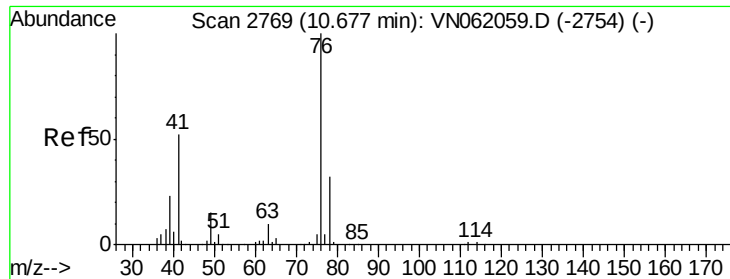


Abundance Ion 69.00 (68.70 to 69.70): VN062155.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN062155.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN062155.D (-2590) (-)





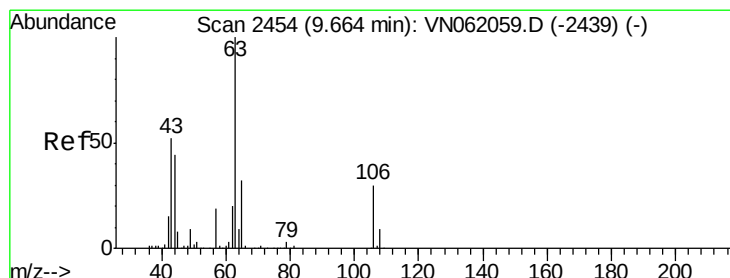
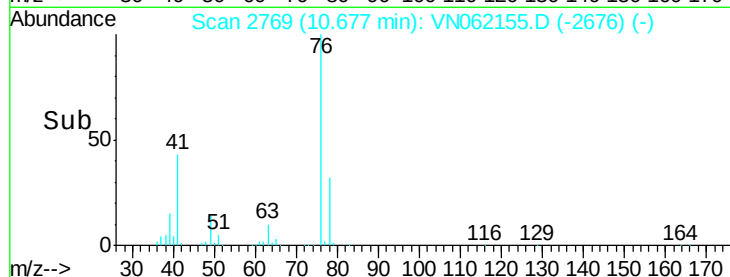
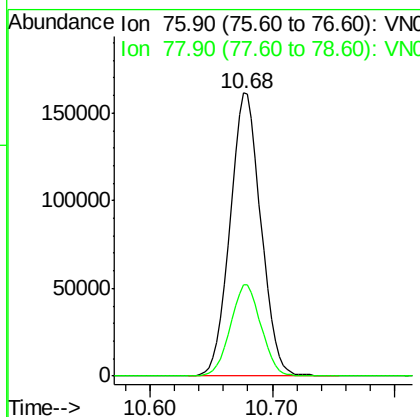
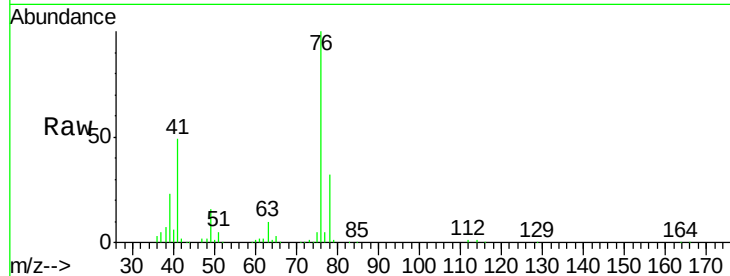
#57
 1,3-Dichloropropane
 Concen: 52.127 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

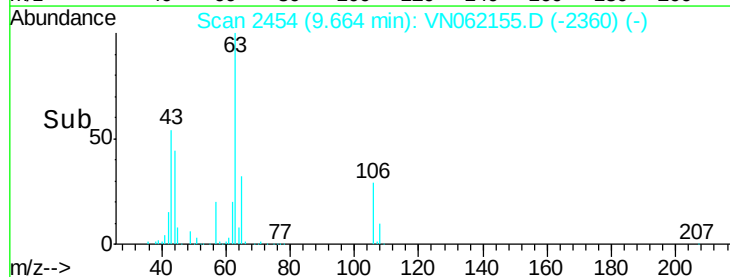
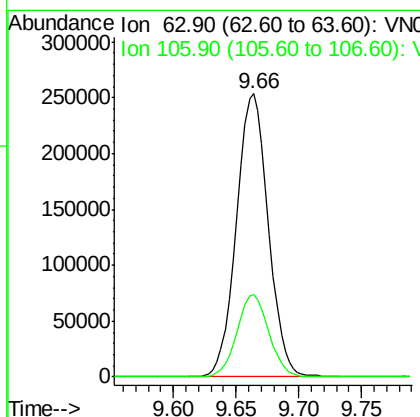
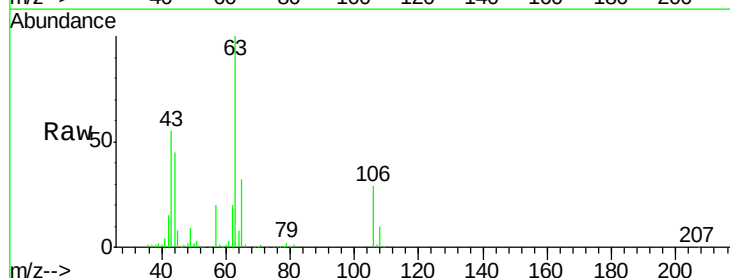
Manual Integrations
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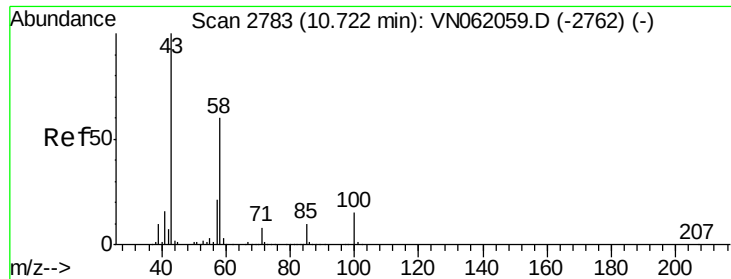
MMDadoda
 6/29/2020 12:35:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.532 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.2	34.8





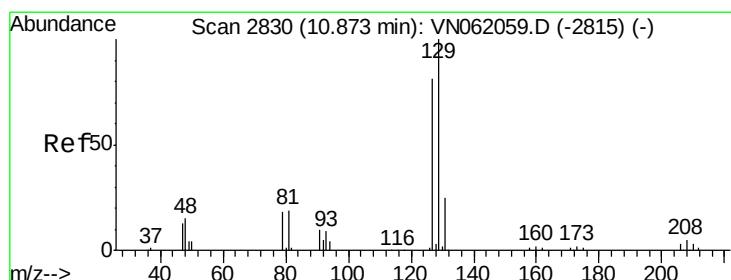
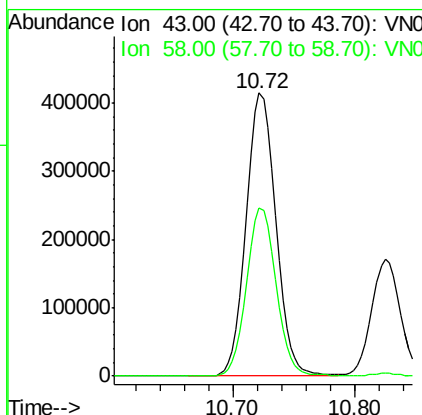
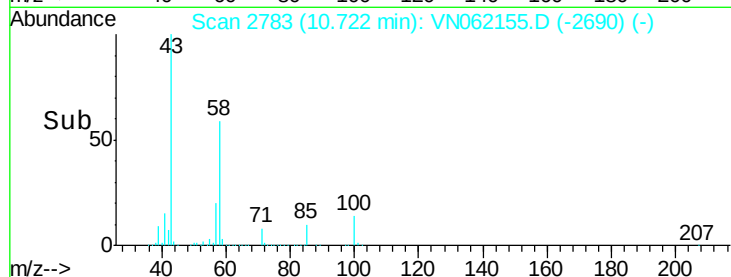
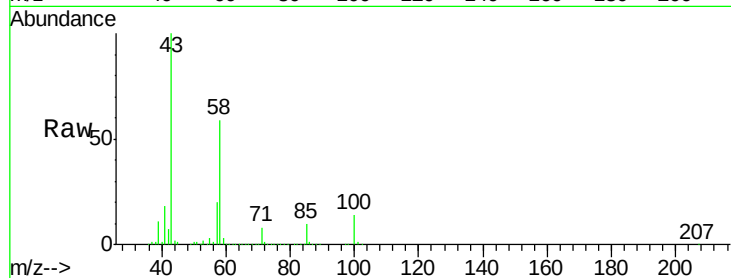
#59
2-Hexanone
Concen: 282.047 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	695665
Ion	Ratio	Lower	Upper
43	100		
58	59.1	29.5	88.5

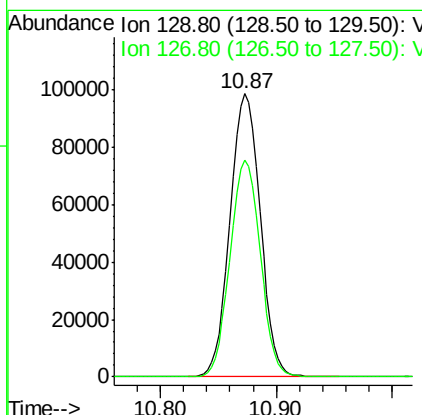
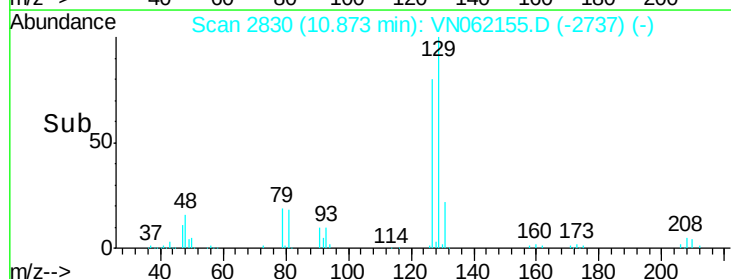
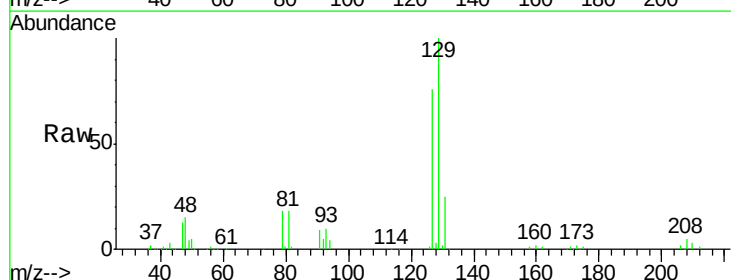
Manual Integrations
APPROVED

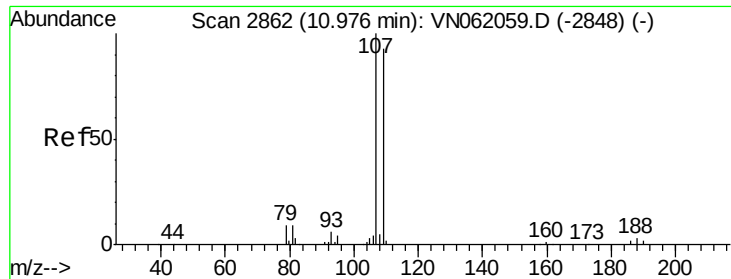
MMDadoda
6/29/2020 12:35:50 PM



#60
Dibromochloromethane
Concen: 53.177 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	129	Resp	178250
Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.5	118.5





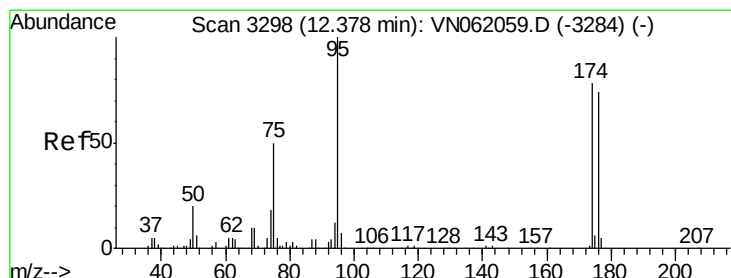
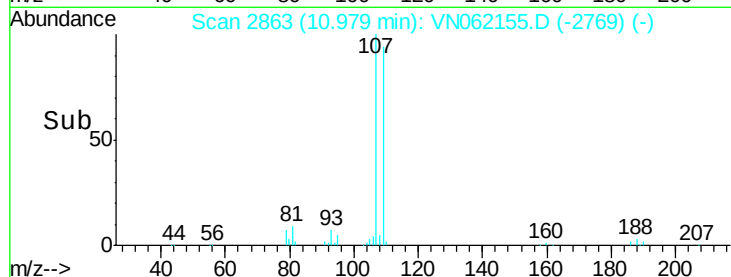
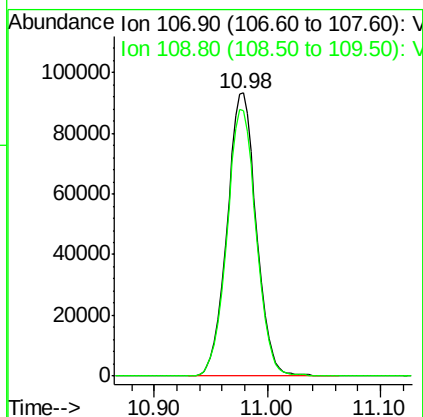
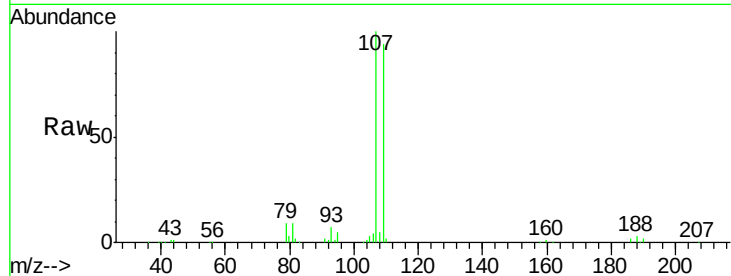
#61
 1,2-Dibromoethane
 Concen: 51.354 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 107 Resp: 167069
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6

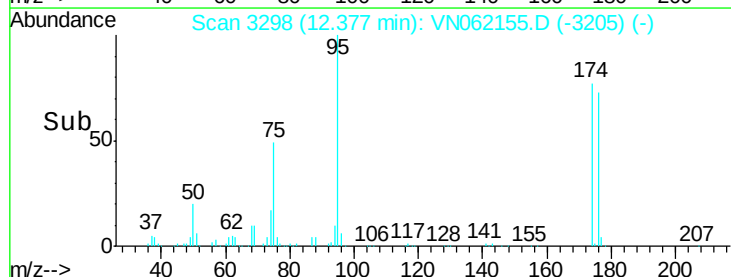
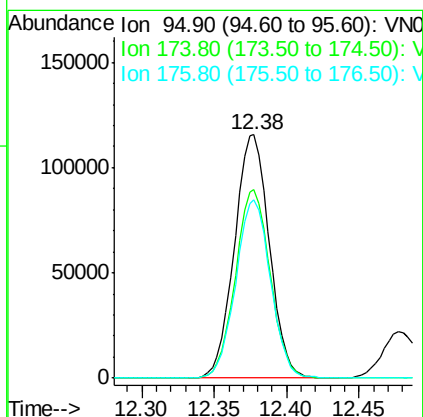
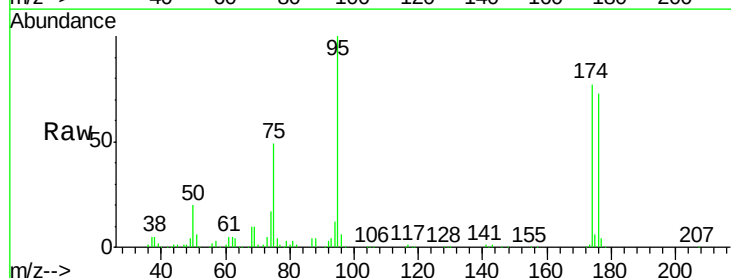
Manual Integrations
 APPROVED

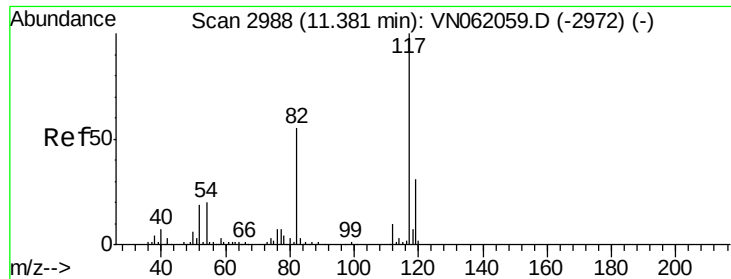
MMDadoda
 6/29/2020 12:35:50 PM



#62
 4-Bromofluorobenzene
 Concen: 51.809 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion: 95 Resp: 193417
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 154.8
 176 73.1 0.0 147.4





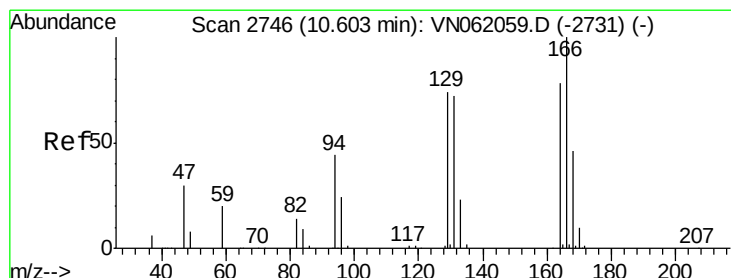
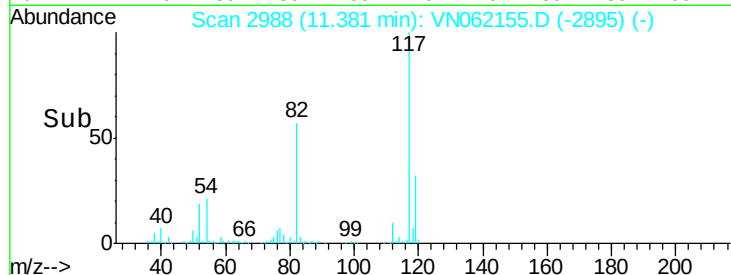
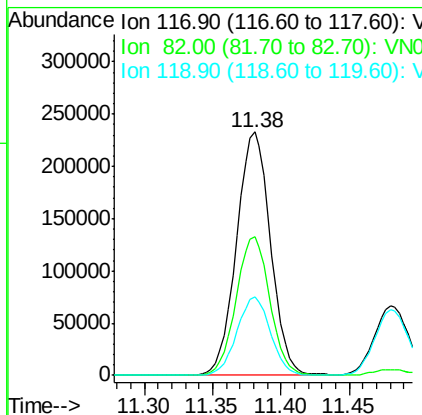
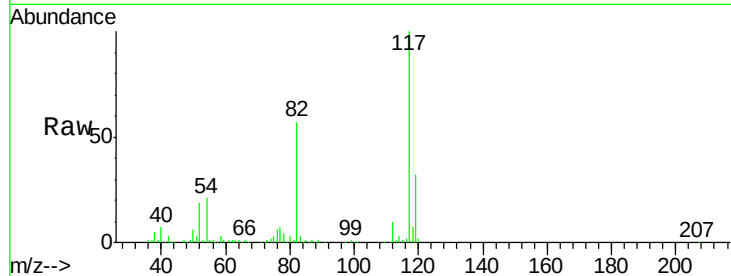
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	403180		
82	56.7		43.8	65.8
119	32.0		25.2	37.8

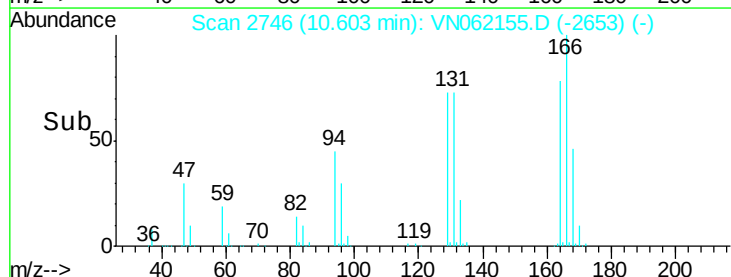
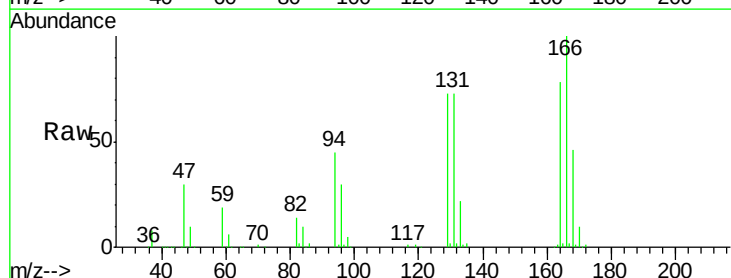
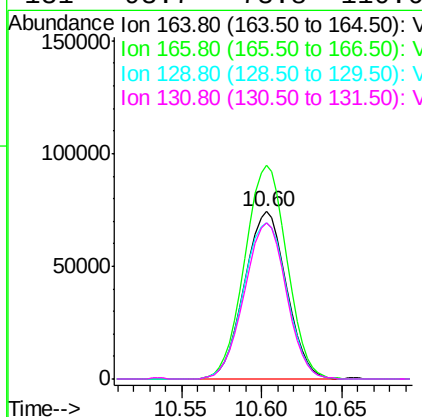
Manual Integrations
APPROVED

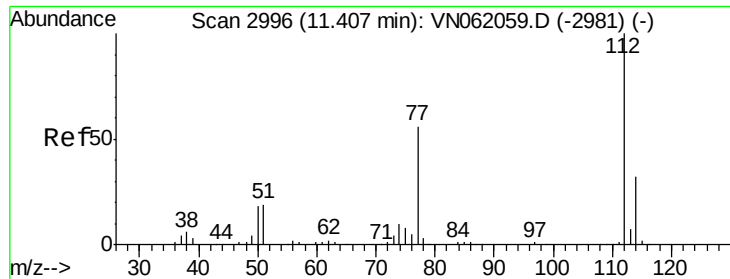
MMDadoda
6/29/2020 12:35:50 PM



#64
Tetrachloroethene
Concen: 48.386 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133259		
166	127.8		102.9	154.3
129	93.2		75.8	113.8
131	93.7		73.8	110.6





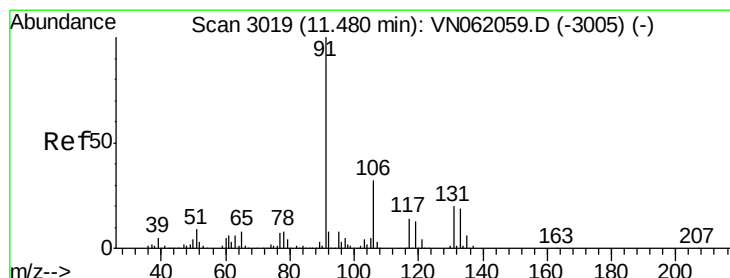
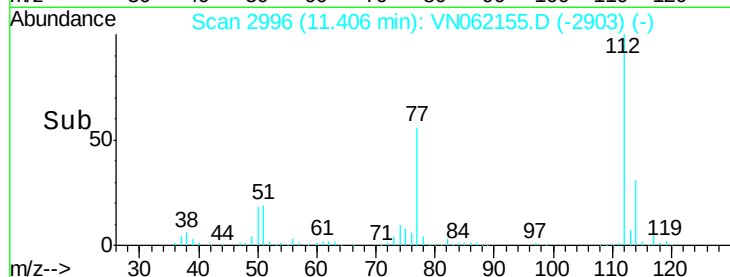
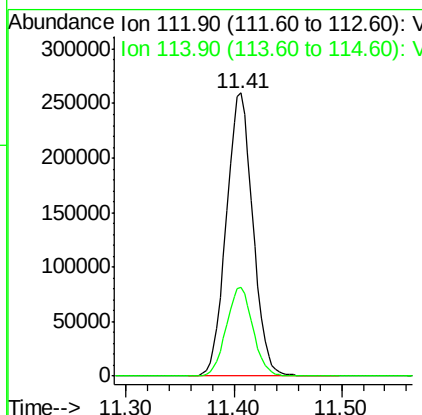
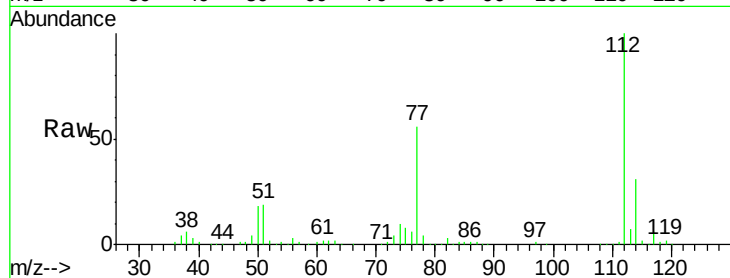
#65
Chlorobenzene
Concen: 50.290 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 445259
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8

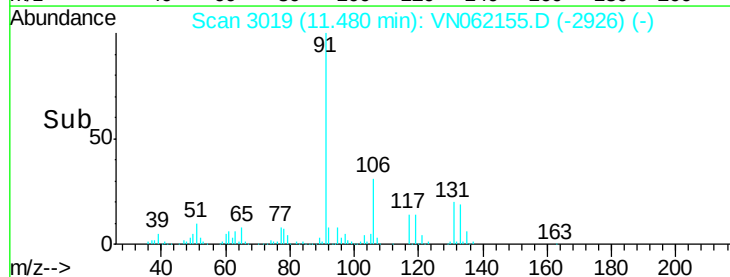
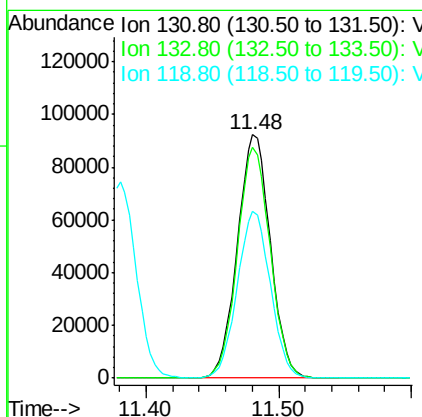
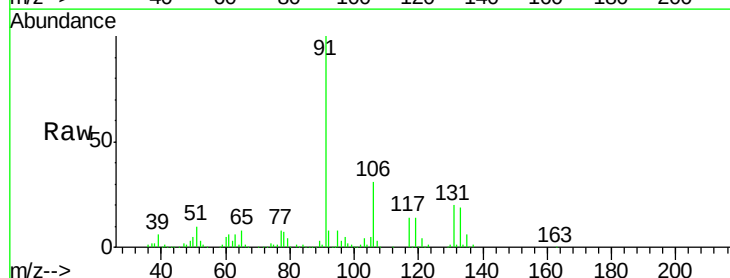
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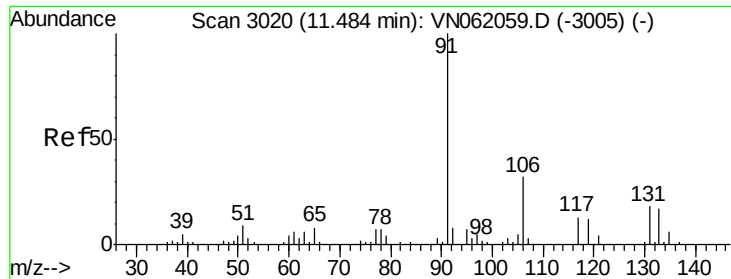
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.091 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion:131 Resp: 159481
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 68.6 34.4 103.3





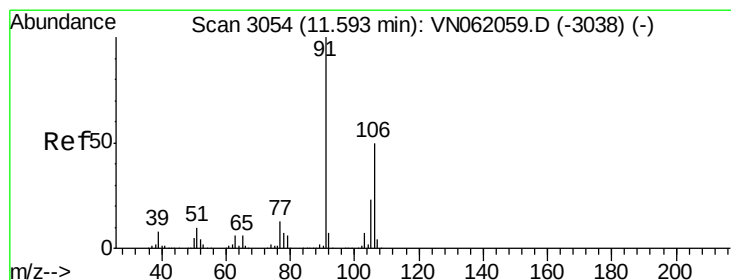
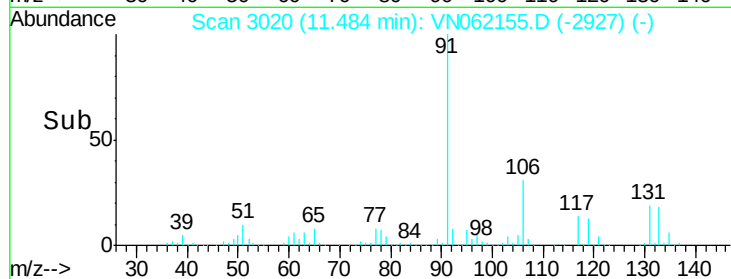
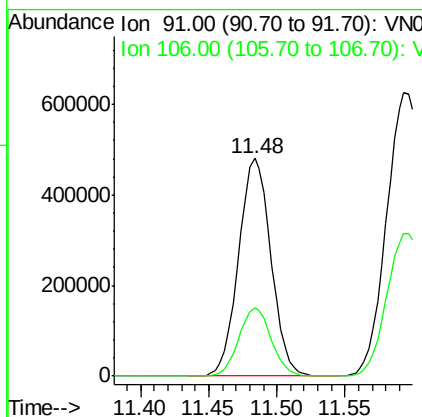
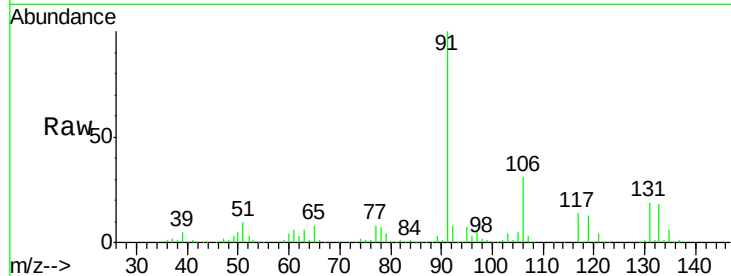
#67
Ethyl Benzene
Concen: 53.030 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.3	37.9

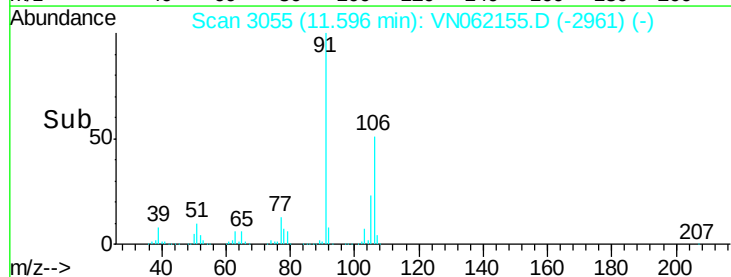
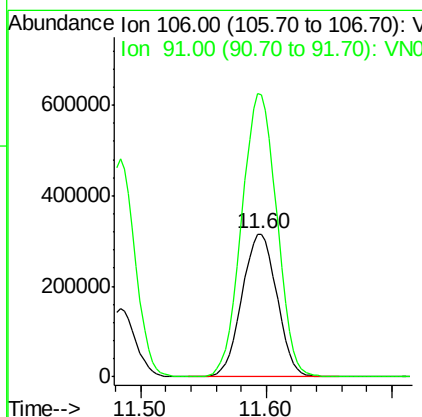
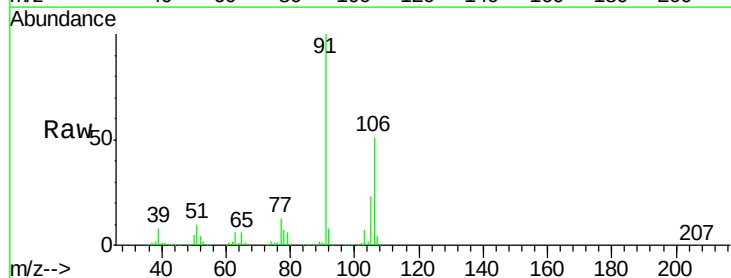
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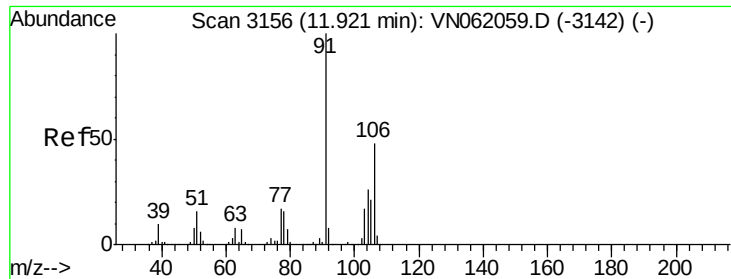
MMDadoda
6/29/2020 12:35:50 PM



#68
m/p-Xylenes
Concen: 105.460 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.6	157.8	236.8





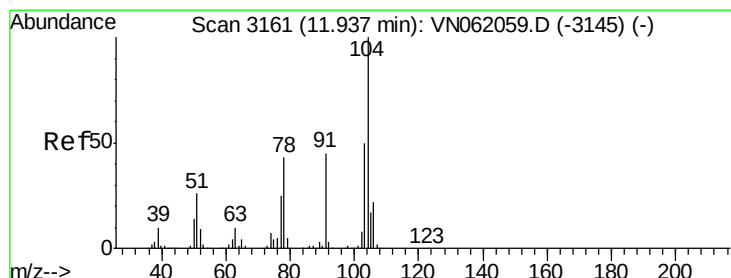
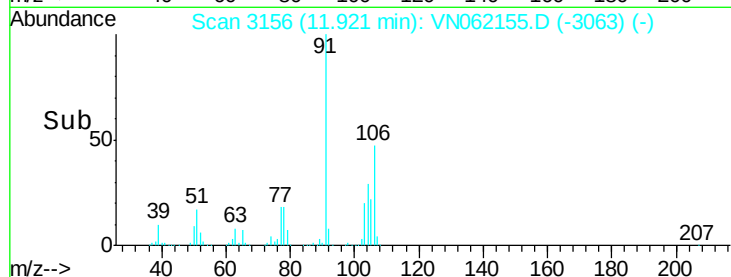
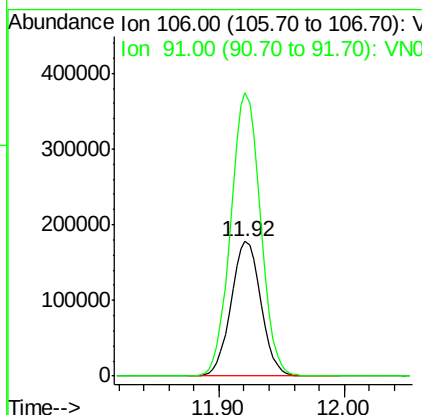
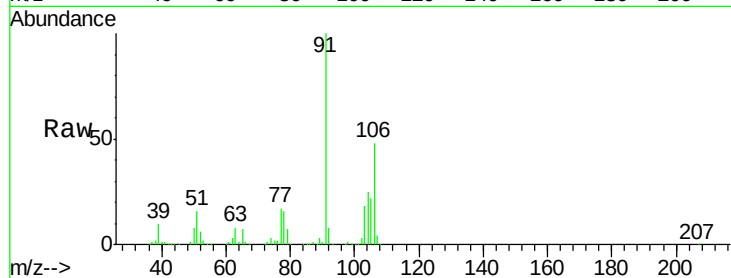
#69
o-Xylene
Concen: 53.815 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		293663		
91	210.5	104.0	311.9		

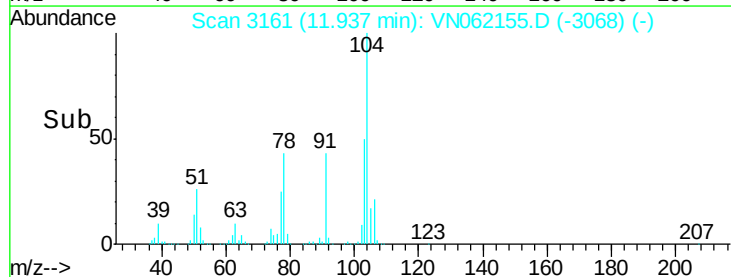
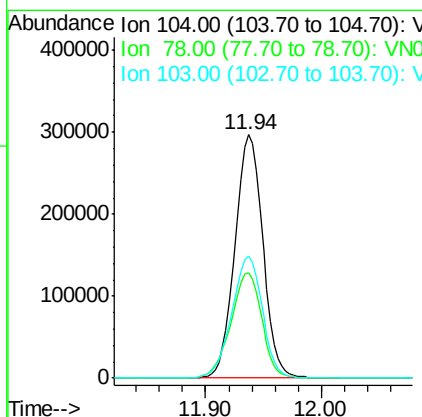
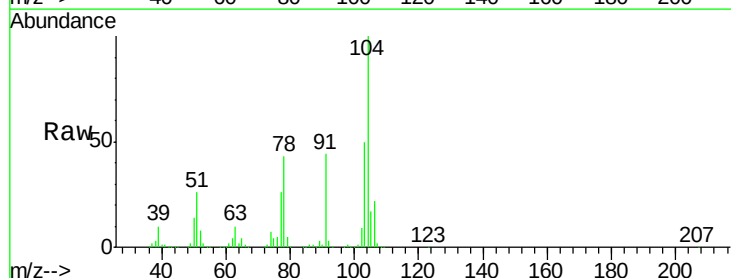
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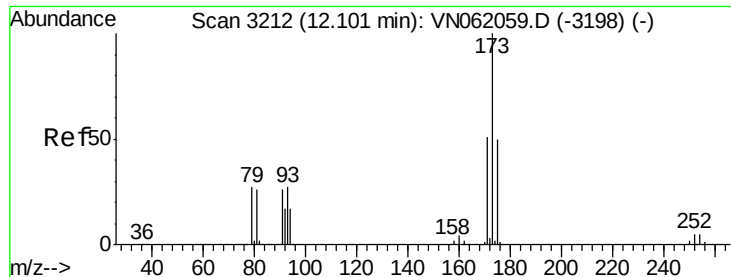
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#70
Styrene
Concen: 54.416 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		495228		
78	47.8	37.7	56.5		
103	54.8	43.0	64.6		





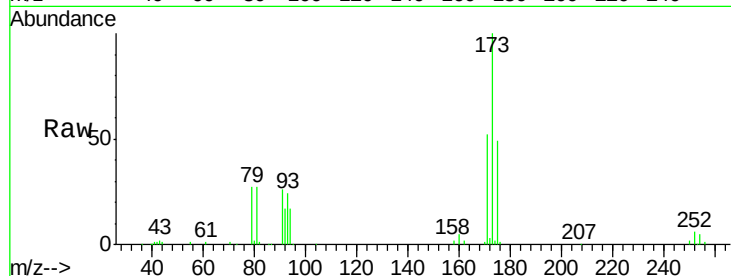
#71
Bromoform
Concen: 53.565 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

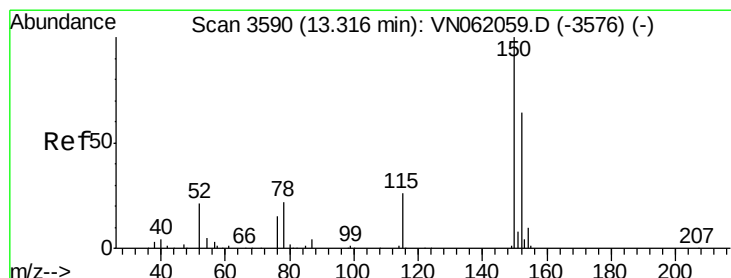
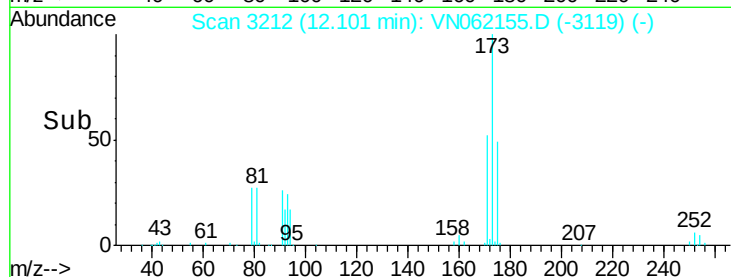
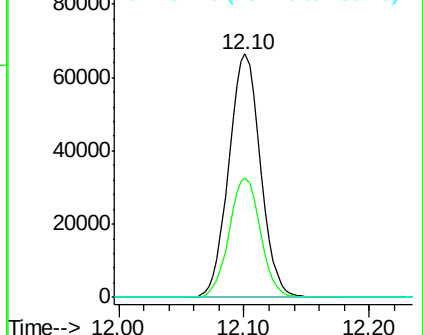
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.7	74.1
254	0.0	0.0	0.0

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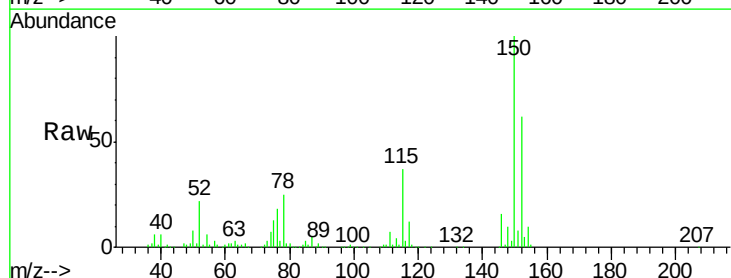


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

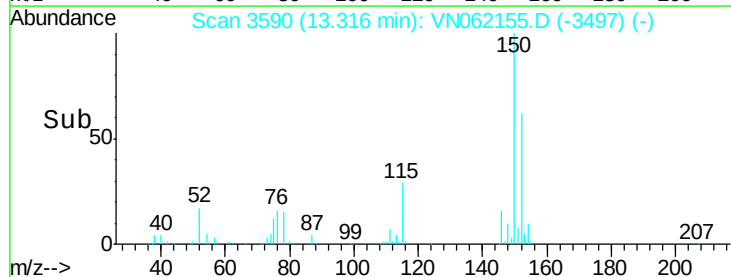
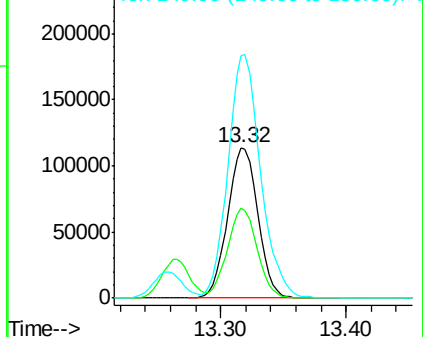


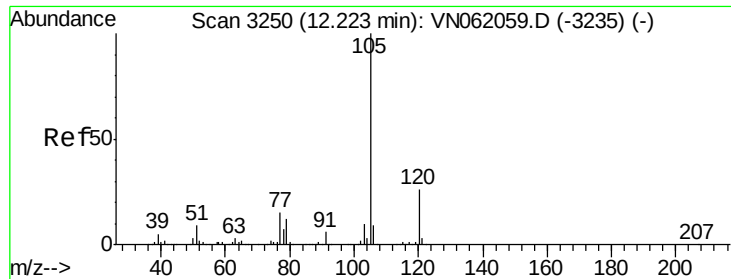
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.5	88.5
150	173.6	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.357 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 105 Resp: 785544

Ion Ratio Lower Upper

105 100

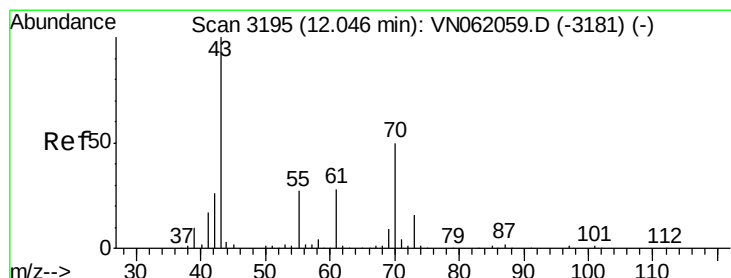
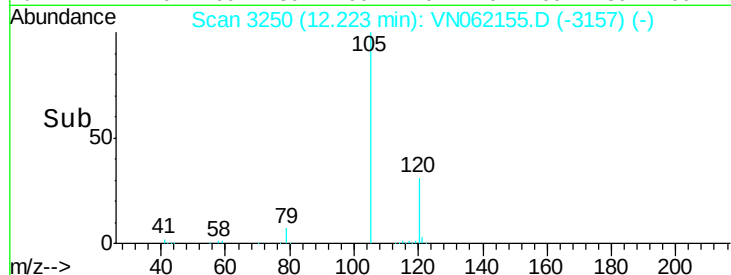
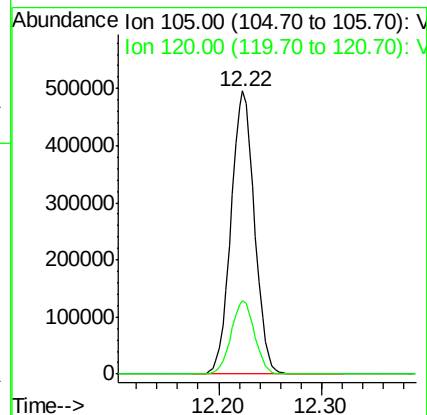
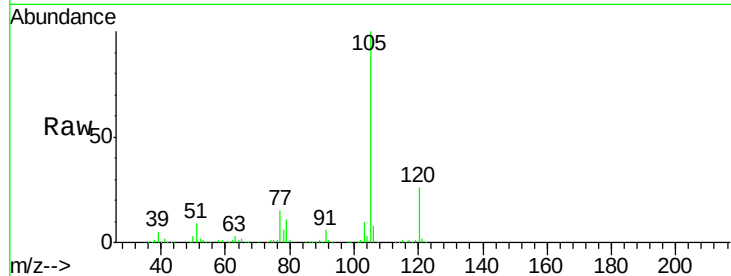
120 26.0 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.446 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion: 43 Resp: 285185

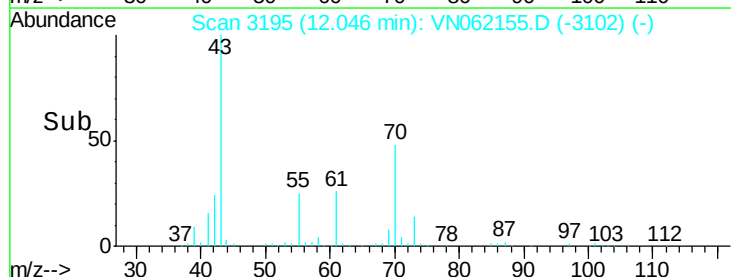
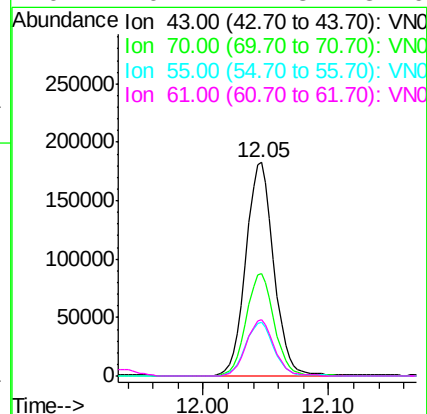
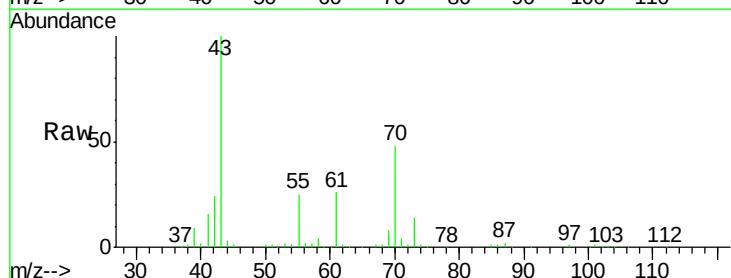
Ion Ratio Lower Upper

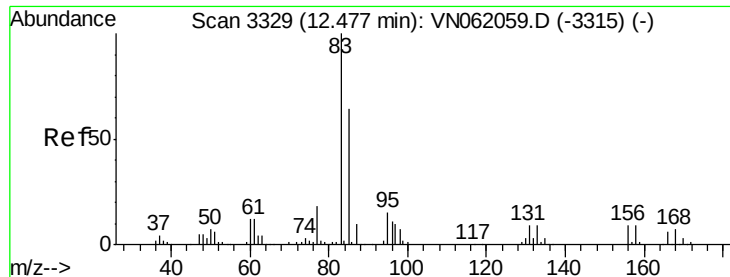
43 100

70 48.3 39.4 59.2

55 25.7 21.7 32.5

61 26.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.930 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

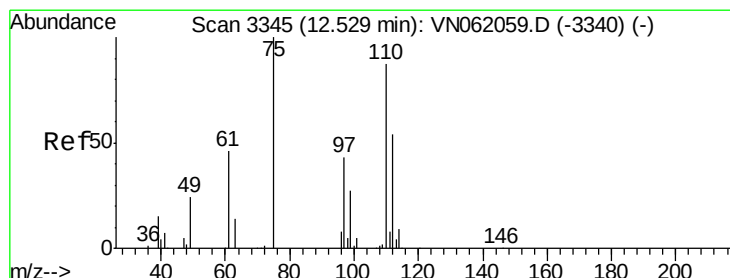
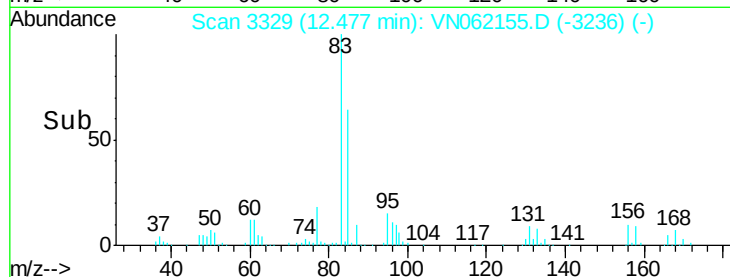
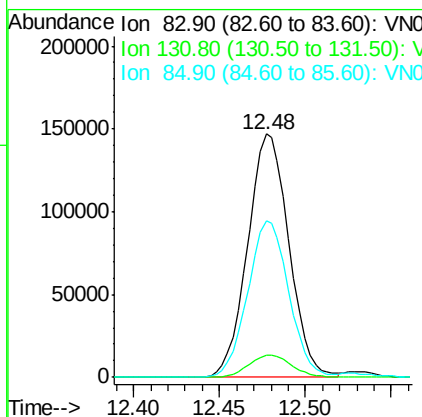
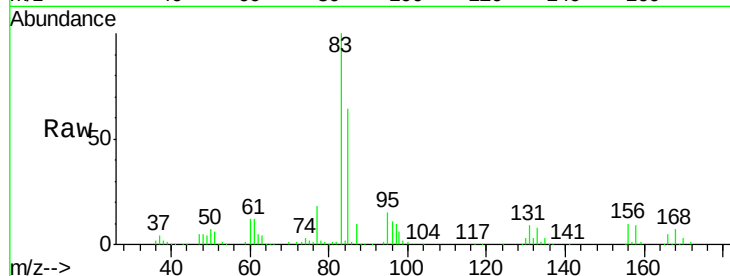
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	244624
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.4
85	64.0	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.667 ug/l m

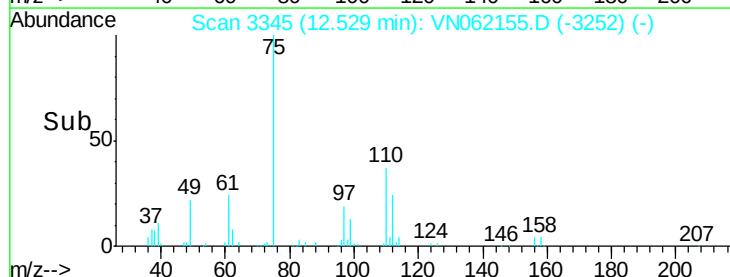
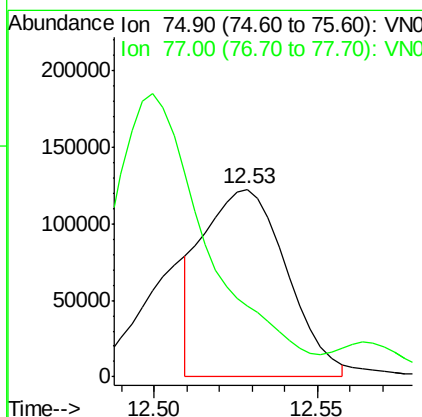
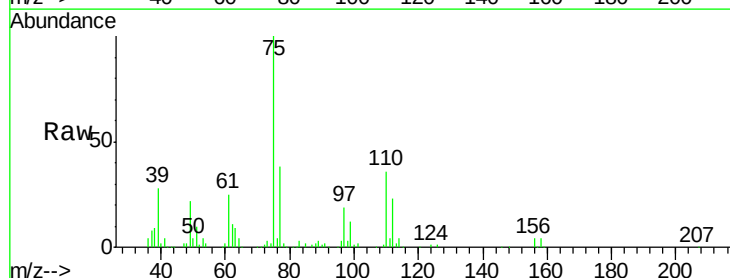
RT: 12.53 min Scan# 3345

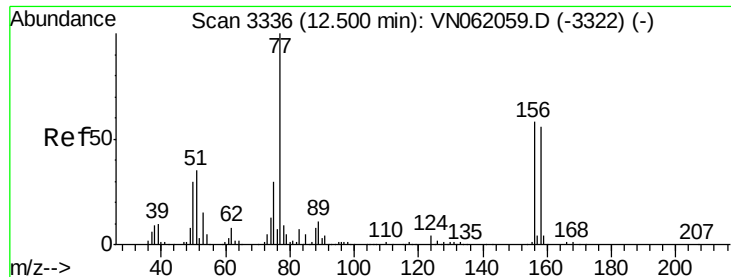
Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion:	75	Resp:	217898
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.787 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

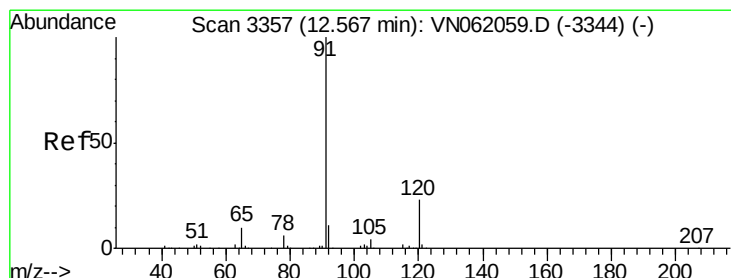
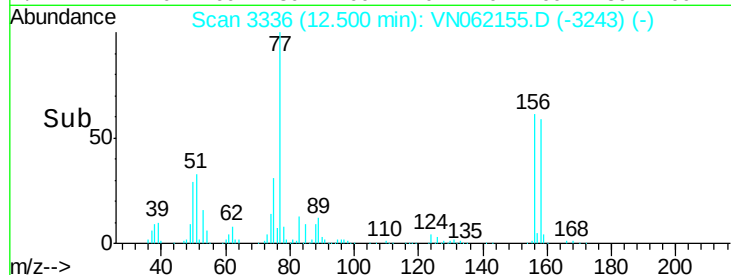
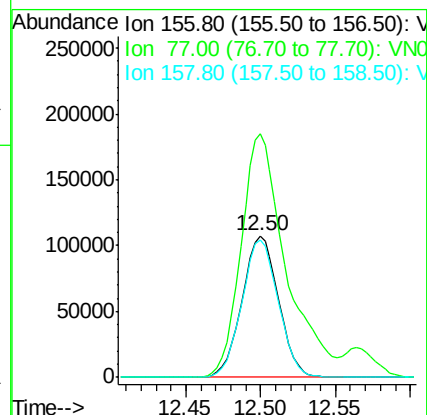
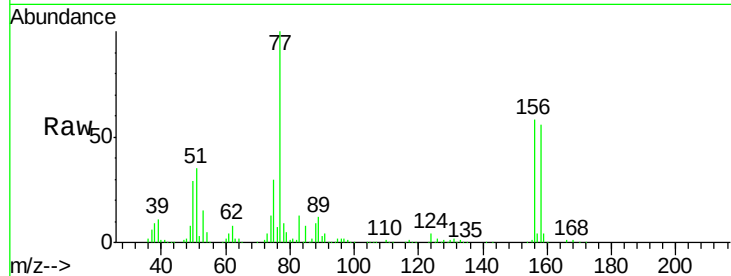
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	181977
Ion Ratio	Lower	Upper	
156	100		
77	211.4	104.6	313.8
158	97.2	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 52.835 ug/l

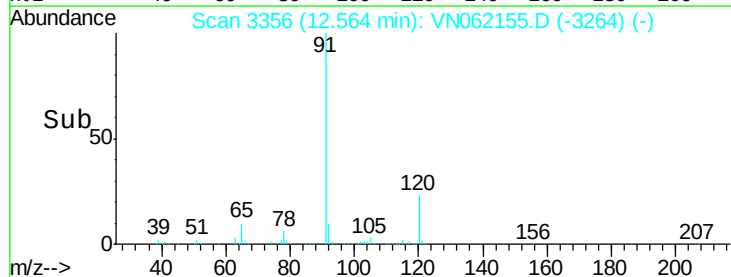
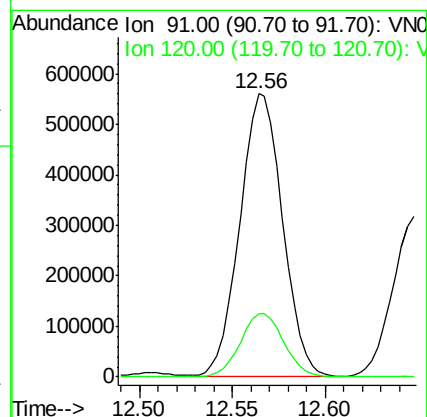
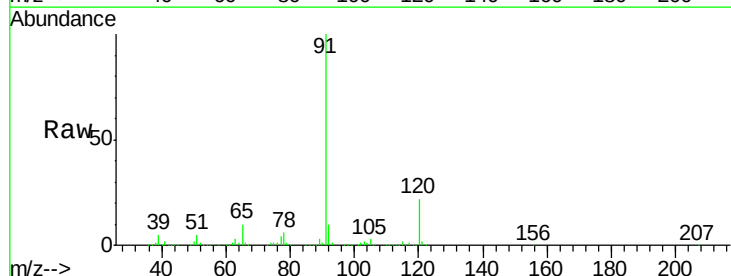
RT: 12.56 min Scan# 3356

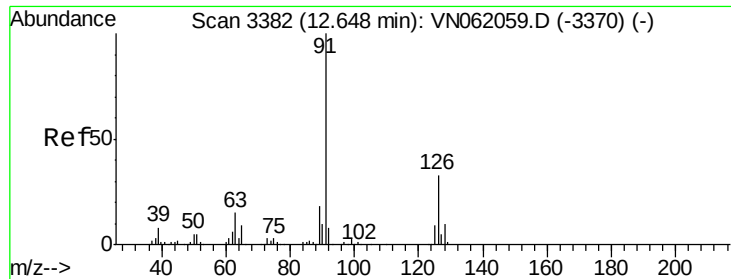
Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Tgt Ion:	91	Resp:	889770
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 51.261 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 521877

Ion Ratio Lower Upper

91 100

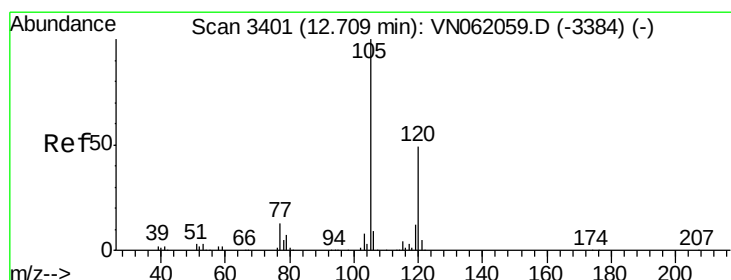
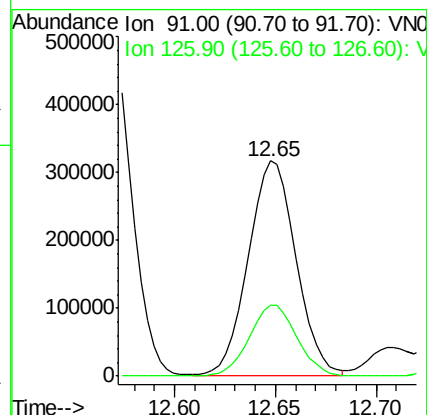
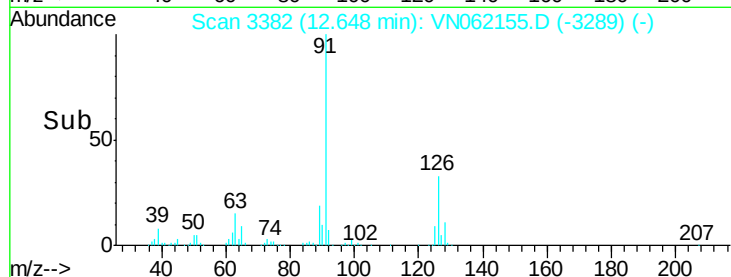
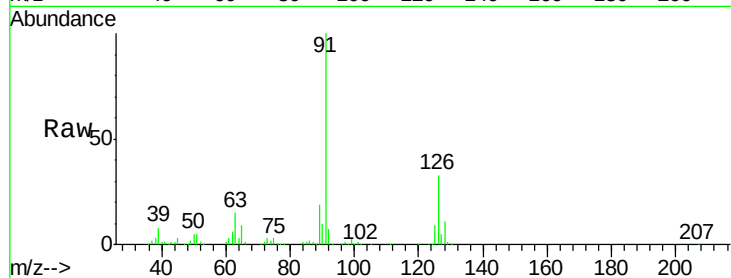
126 33.2 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.775 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062155.D

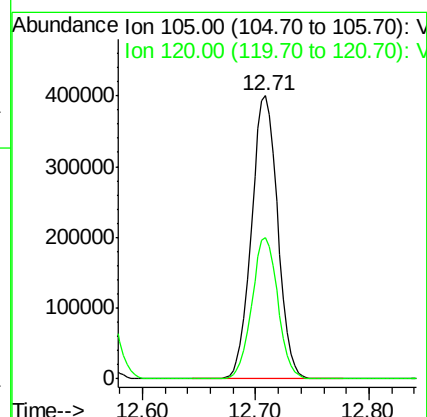
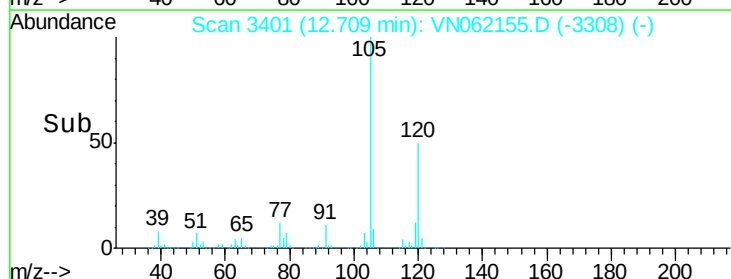
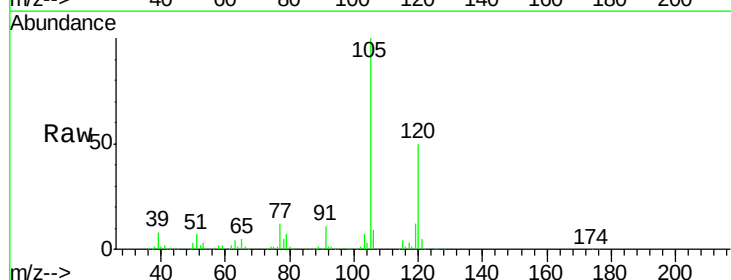
Acq: 26 Jun 2020 21:51

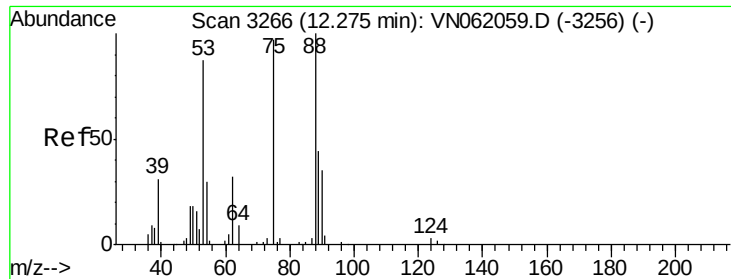
Tgt Ion: 105 Resp: 641793

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





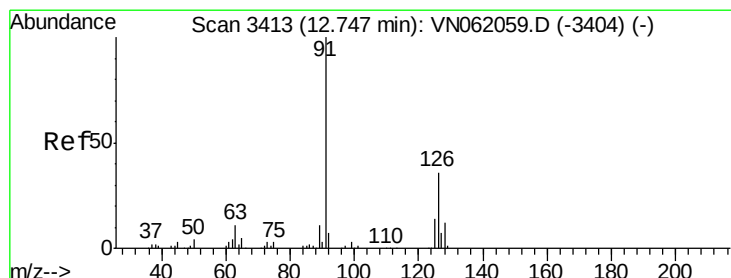
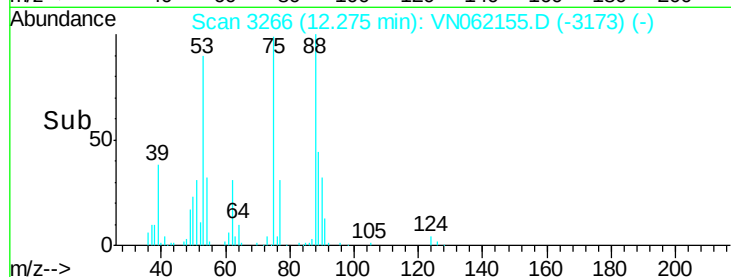
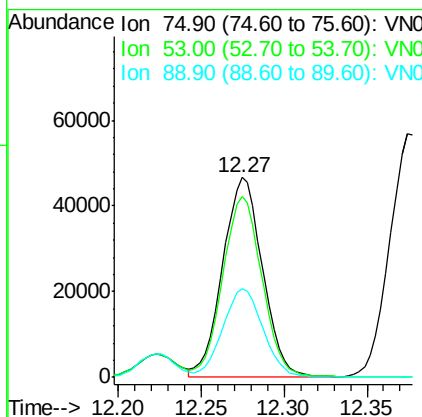
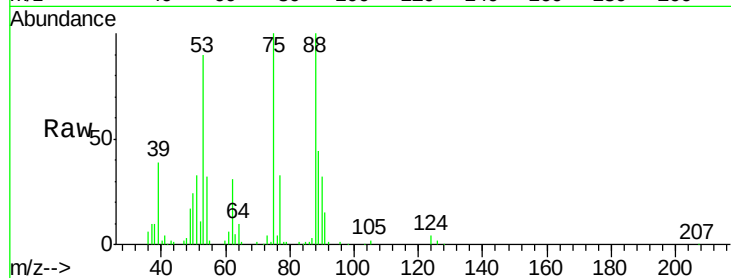
#81
trans-1,4-Dichloro-2-butene
Concen: 51.112 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	72.0	108.0
89	44.7	36.9	55.3

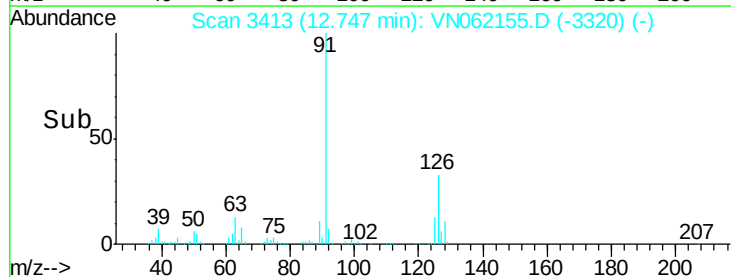
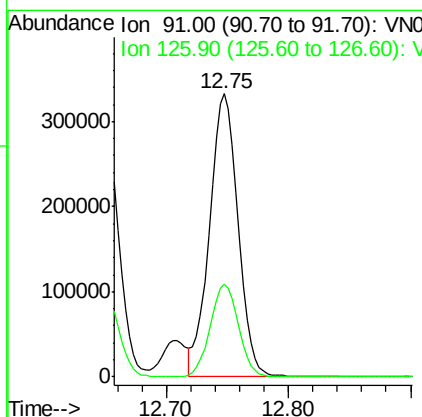
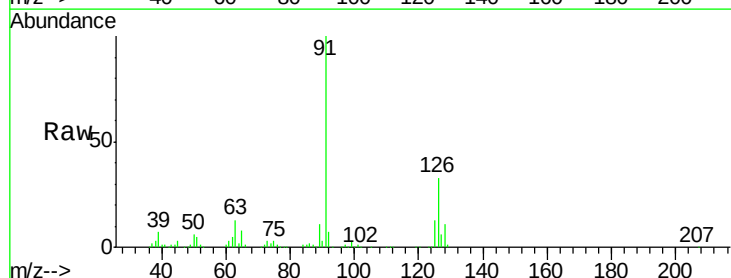
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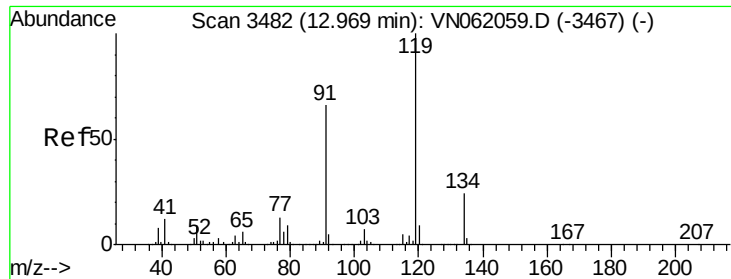
MMDadoda
6/29/2020 12:35:50 PM



#82
4-Chlorotoluene
Concen: 51.475 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.7	50.1





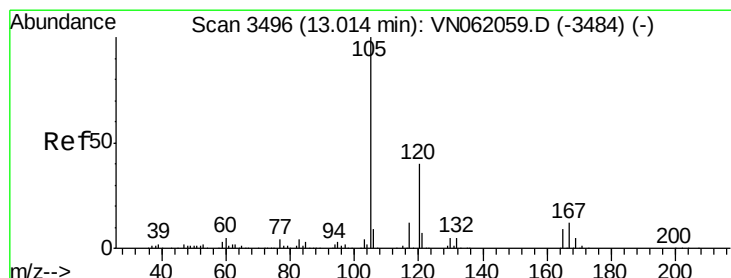
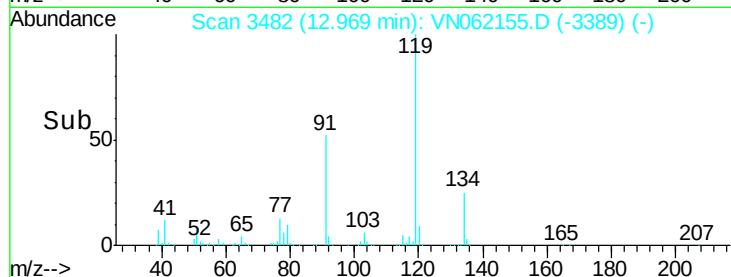
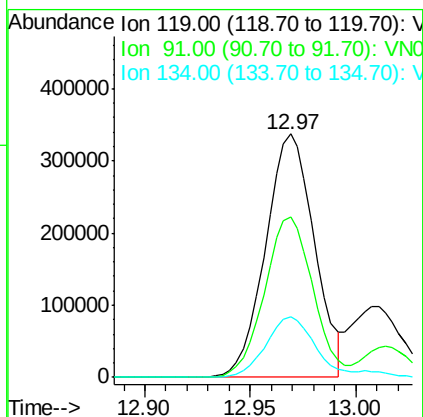
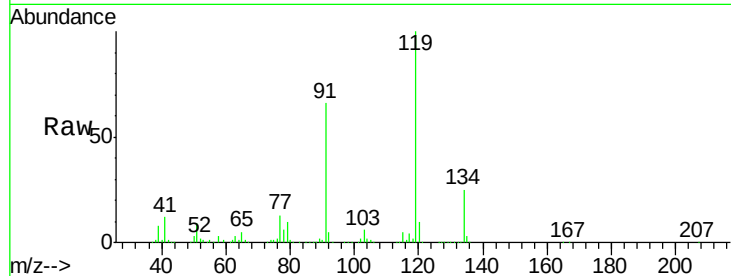
#83
tert-Butylbenzene
Concen: 53.233 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	31.7	95.1
134	26.7	13.1	39.1

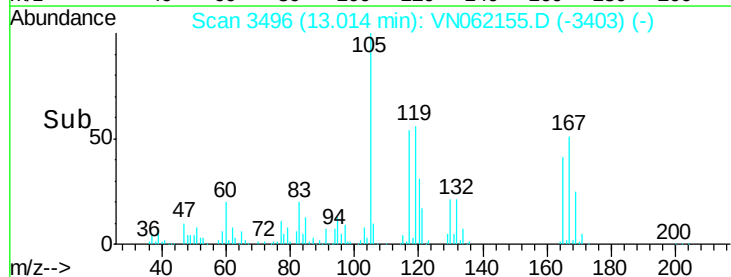
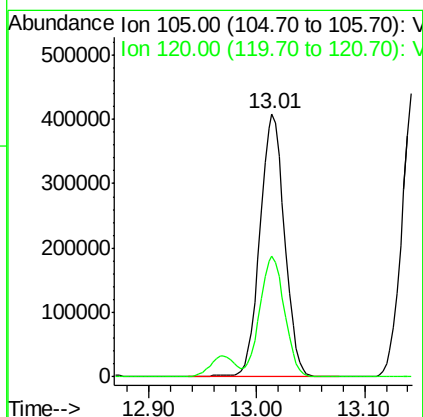
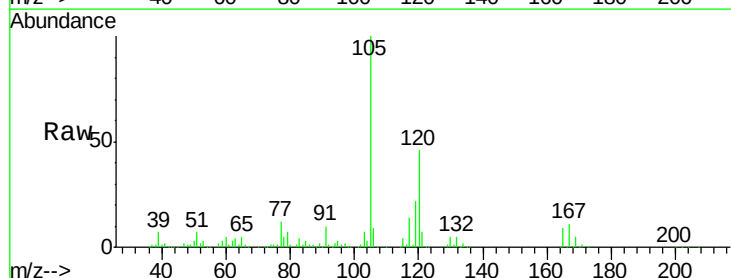
Manual Integrations
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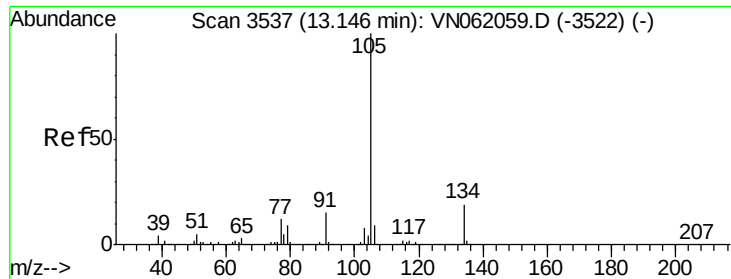
MMDadoda
6/29/2020 12:35:50 PM



#84
1,2,4-Trimethylbenzene
Concen: 54.247 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.2	69.5





#85

sec-Butylbenzene

Concen: 55.358 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 747138

Ion Ratio Lower Upper

105 100

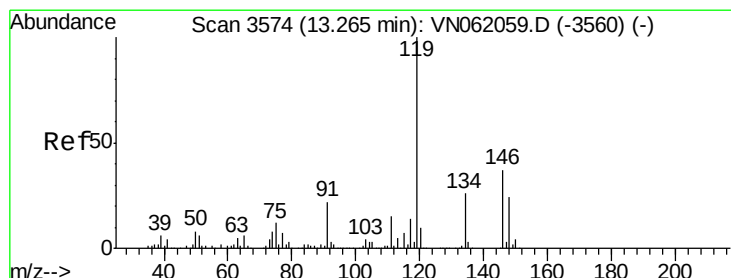
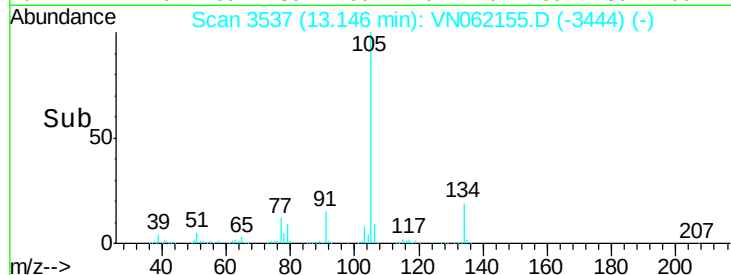
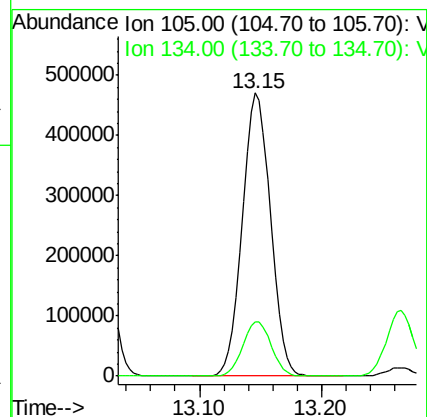
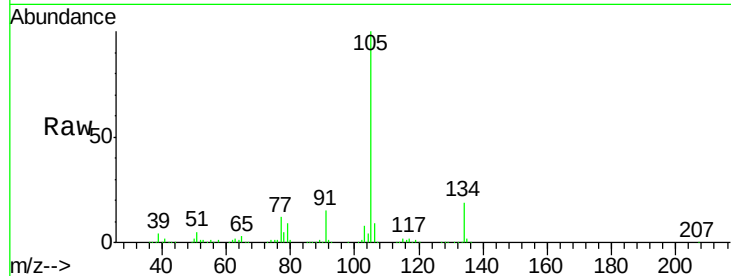
134 19.5 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 55.868 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062155.D

Acq: 26 Jun 2020 21:51

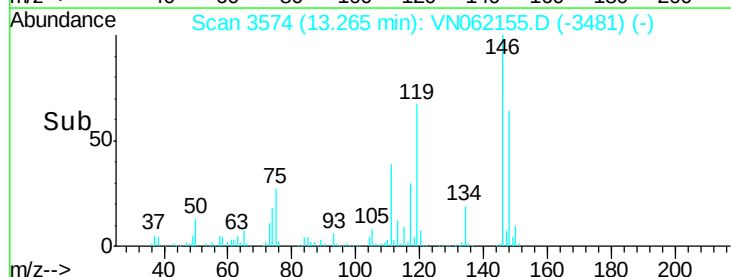
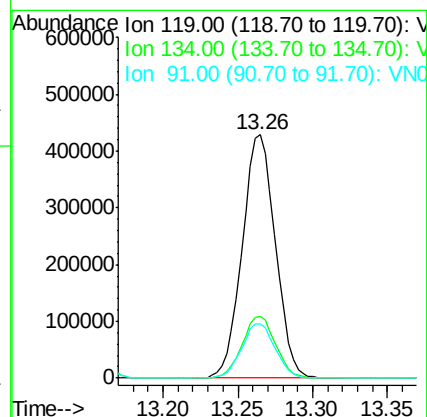
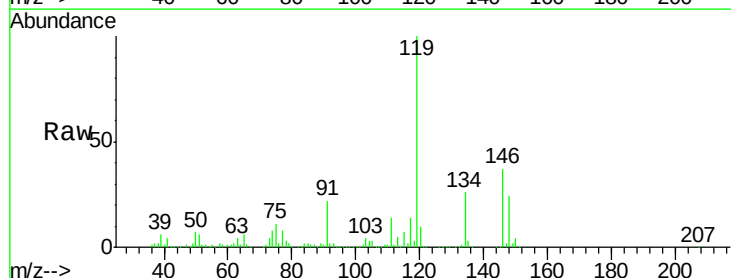
Tgt Ion:119 Resp: 660606

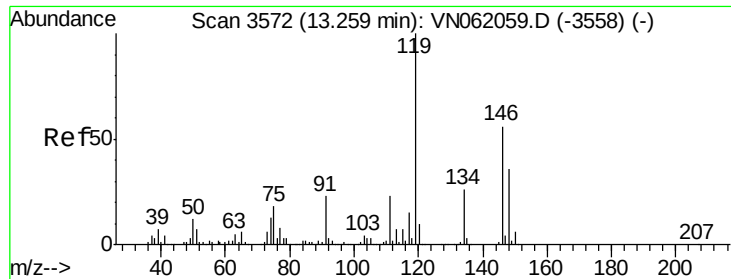
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 22.5 11.3 33.8





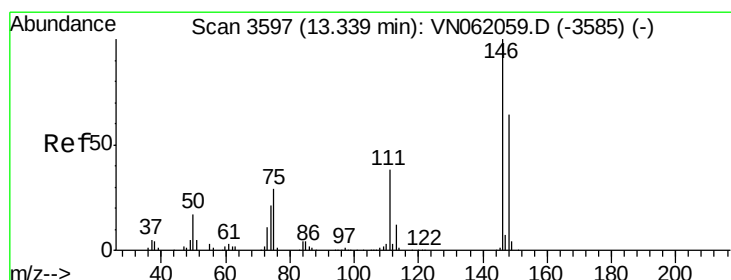
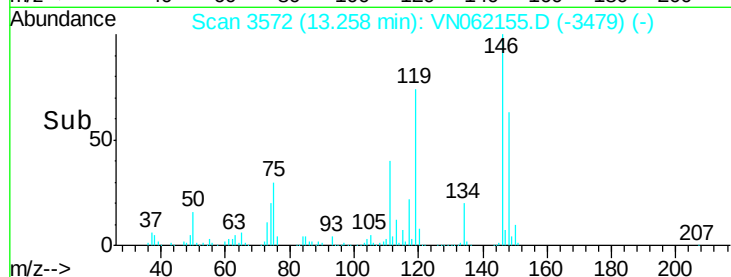
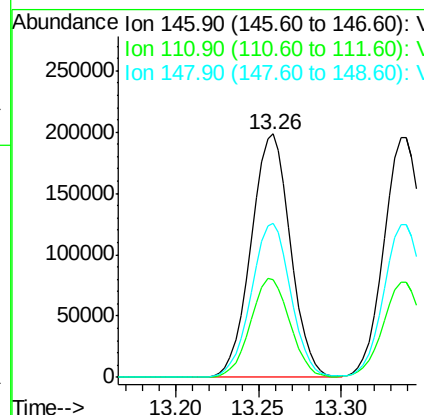
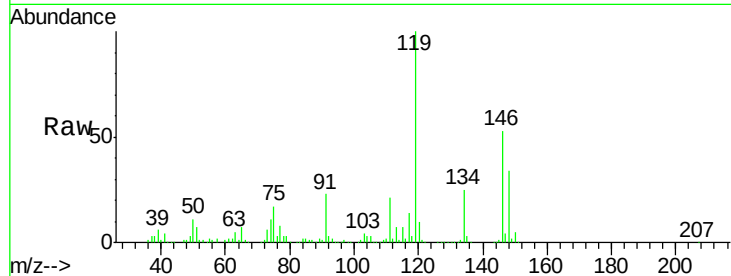
#87
 1,3-Dichlorobenzene
 Concen: 51.211 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	328692		
111	40.6	20.3	61.0	
148	63.5	31.8	95.3	

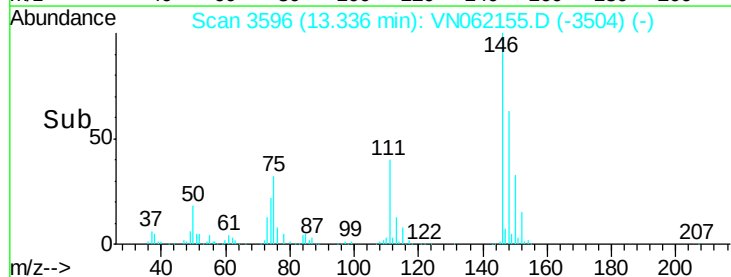
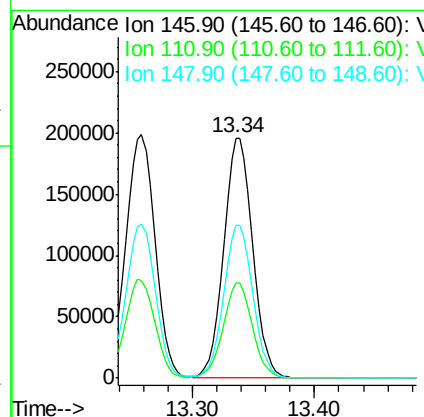
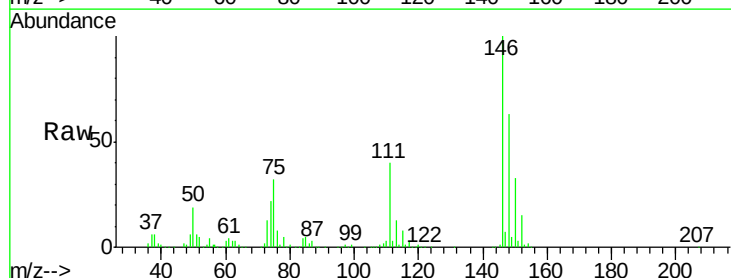
Manual Integrations
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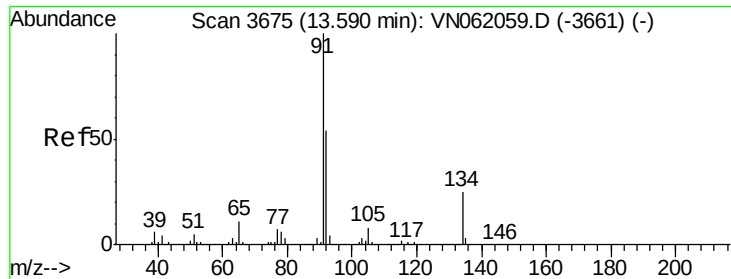
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 6/29/2020 12:35:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.306 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	326213		
111	39.8	19.9	59.6	
148	63.9	31.9	95.9	





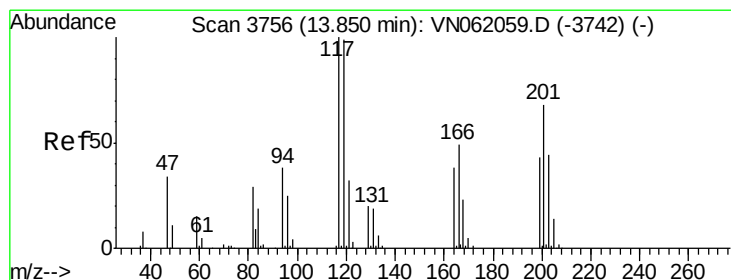
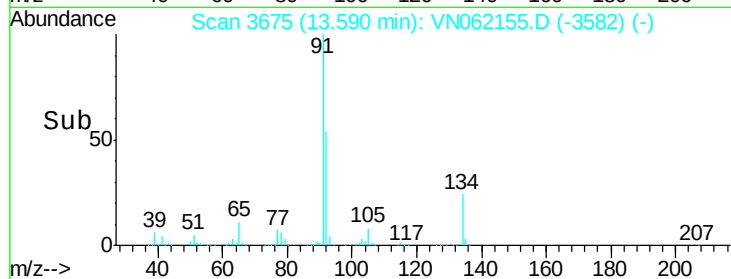
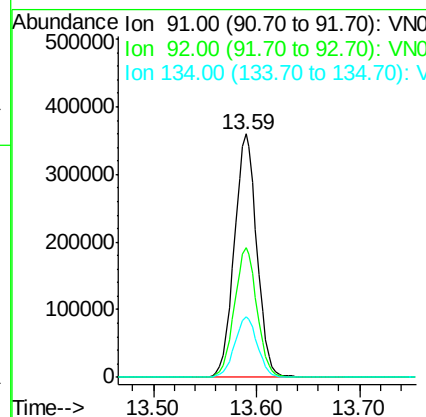
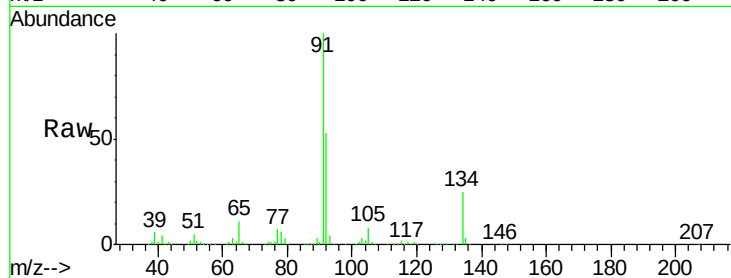
#89
n-Butylbenzene
Concen: 55.759 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	25.0	12.3	36.9

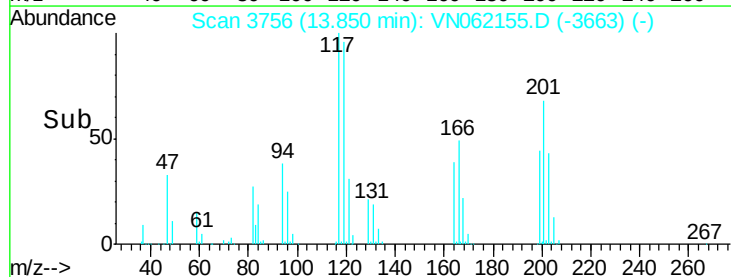
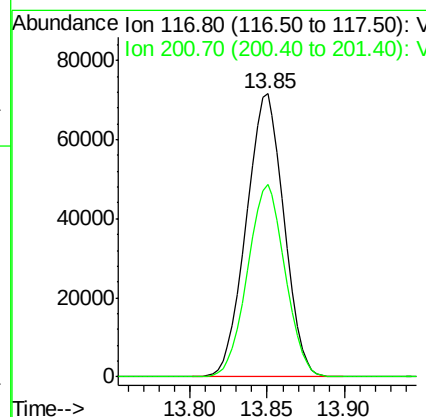
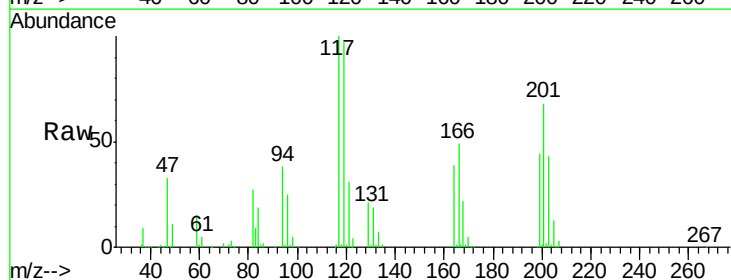
Manual Integrations
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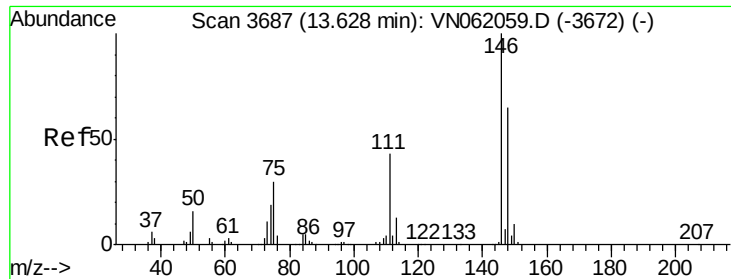
MMDadoda
6/29/2020 12:35:50 PM



#90
Hexachloroethane
Concen: 52.473 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.6	32.7	98.1





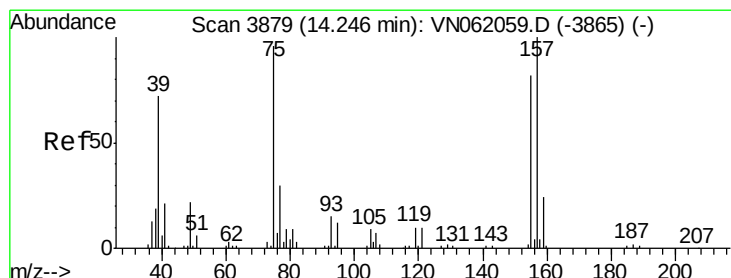
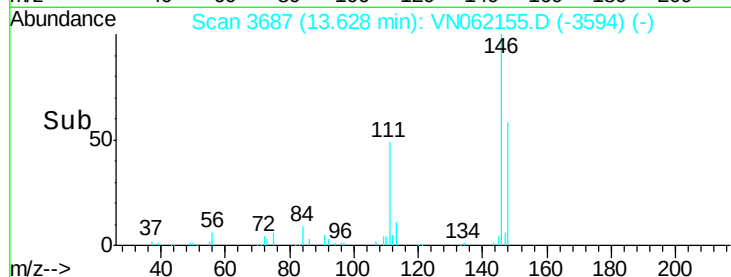
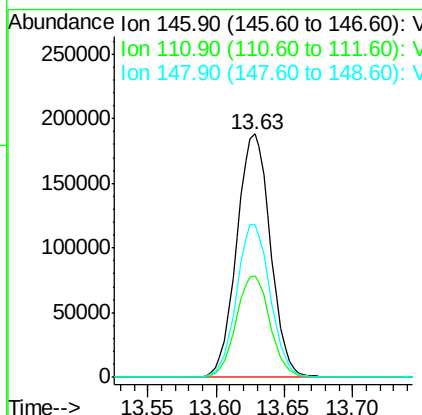
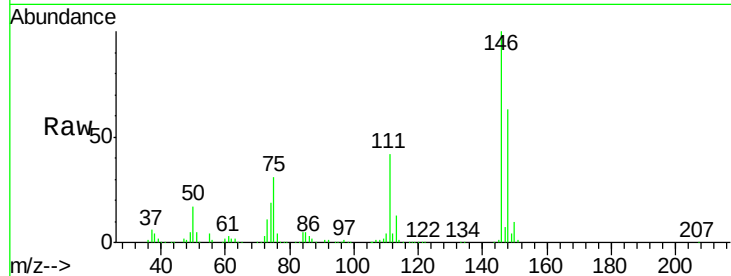
#91
 1,2-Dichlorobenzene
 Concen: 51.905 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.2	63.6
148	62.6	31.9	95.5

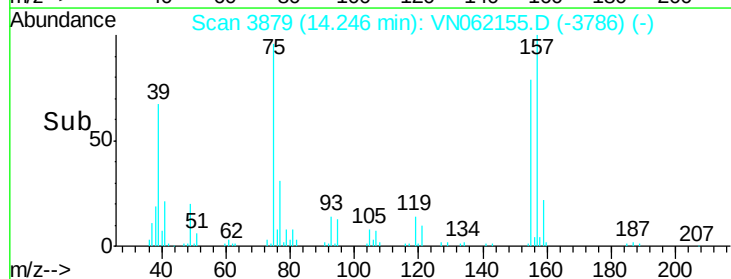
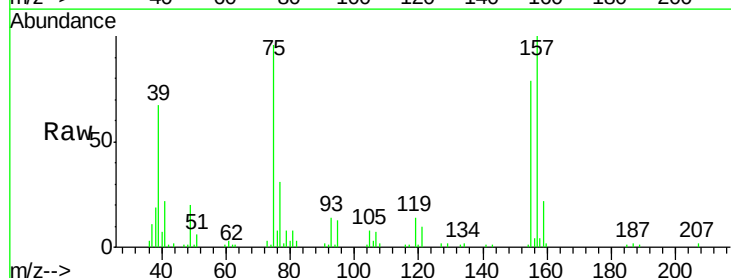
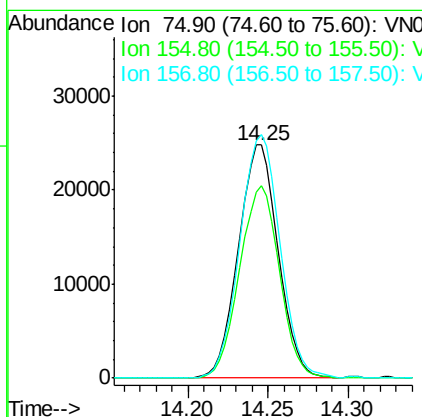
Manual Integrations
 APPROVED

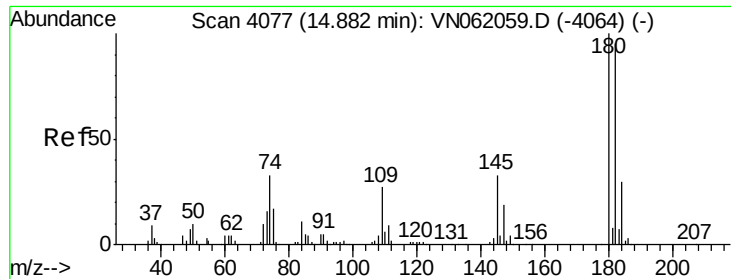
MMDadoda
 6/29/2020 12:35:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.748 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	40.8	122.4
157	105.5	51.4	154.3





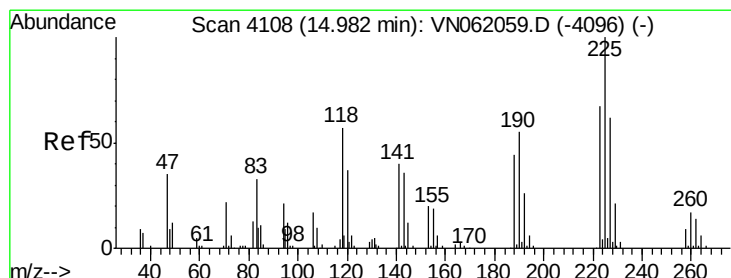
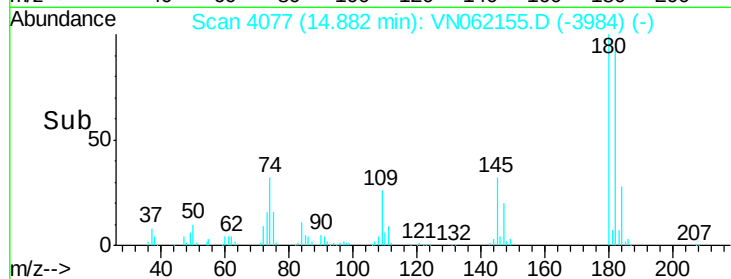
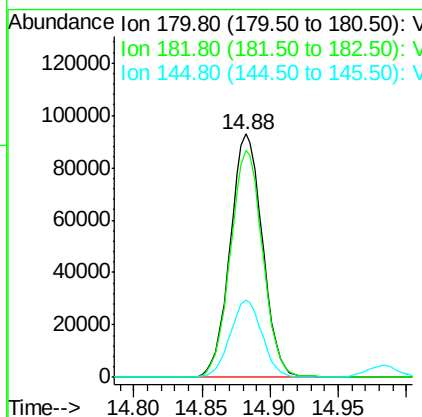
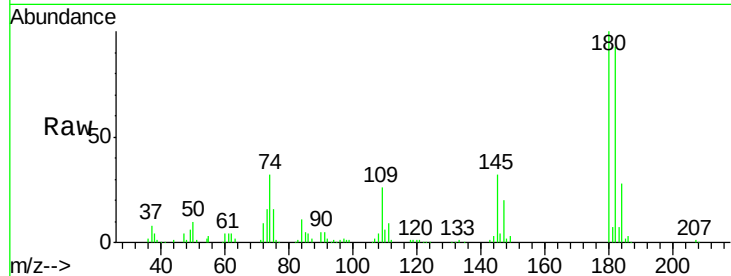
#93
 1,2,4-Trichlorobenzene
 Concen: 56.165 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152711		
182	93.5	48.0	144.2	
145	31.4	16.0	48.0	

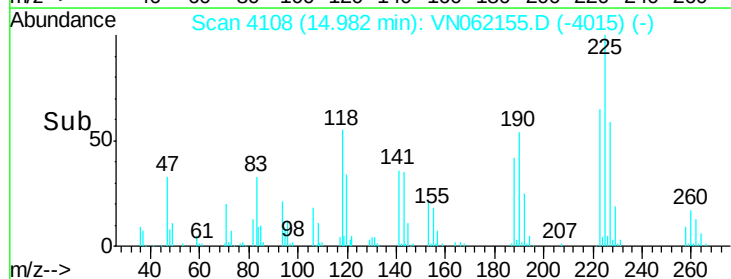
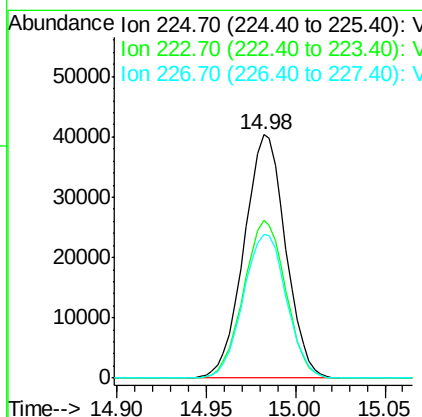
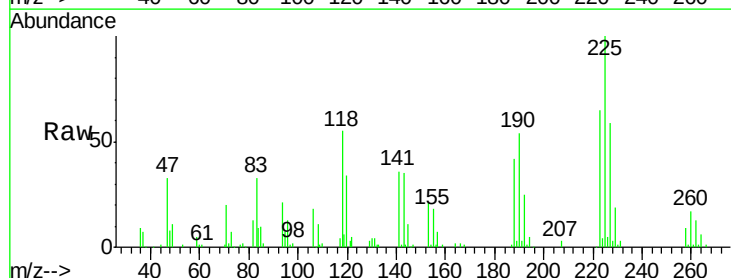
Manual Integrations
 APPROVED

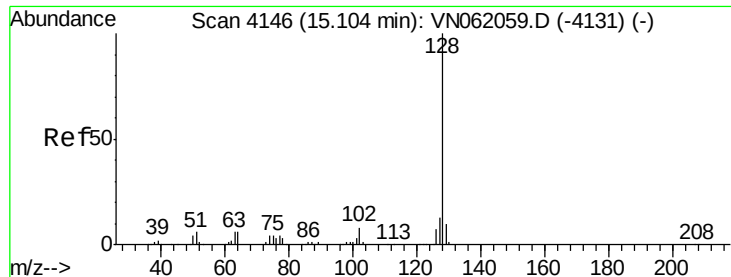
MMDadoda
 6/29/2020 12:35:50 PM



#94
 Hexachlorobutadiene
 Concen: 55.535 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062155.D
 Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65582		
223	65.8	32.9	98.7	
227	61.5	31.3	93.8	





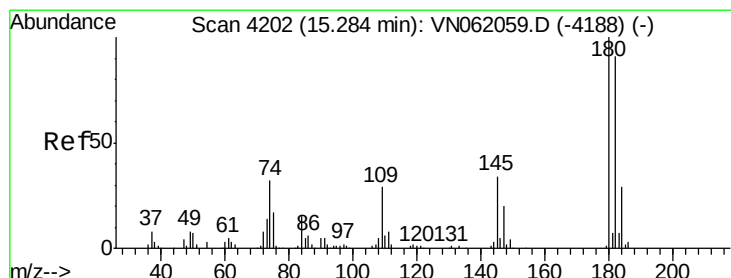
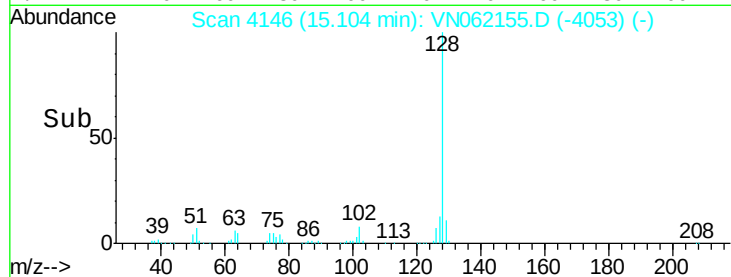
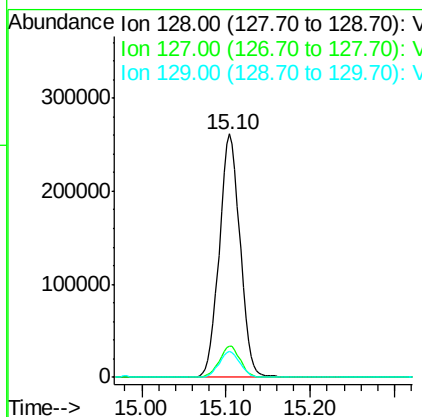
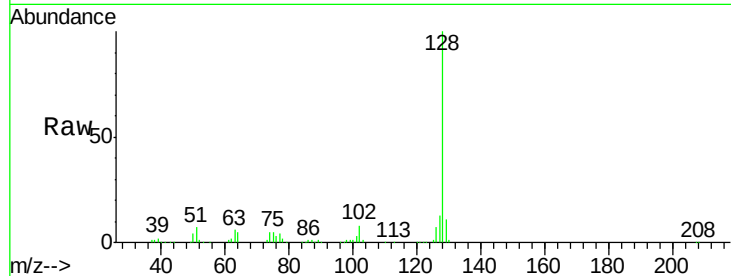
#95
Naphthalene
Concen: 49.518 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:35:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.667 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062155.D
Acq: 26 Jun 2020 21:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.8	140.4
145	33.1	16.4	49.2

