

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062872.D
 Acq On : 12 Aug 2020 21:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:56:39 AM

Quant Time: Aug 13 06:50:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	239094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126821	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	117658	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	7.55	113	79216	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	10.06	98	305604	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.38	95	118458	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95788	45.108	ug/l	99
3) Chloromethane	2.04	50	85097	42.466	ug/l	96
4) Vinyl Chloride	2.16	62	83851	44.613	ug/l	99
5) Bromomethane	2.50	94	59309	47.669	ug/l	99
6) Chloroethane	2.65	64	67761	54.801	ug/l	96
7) Trichlorofluoromethane	2.97	101	160763	47.968	ug/l	97
8) Diethyl Ether	3.37	74	43813	45.665	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	64023	47.319	ug/l	98
10) Methyl Iodide	3.91	142	83790	51.582	ug/l	98
11) Tert butyl alcohol	4.74	59	89218	221.973	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	59735	47.235	ug/l	96
13) Acrolein	3.57	56	53543	220.019	ug/l	100
14) Allyl chloride	4.27	41	103365	39.812	ug/l	99
15) Acrylonitrile	4.93	53	214735	230.343	ug/l	100
16) Acetone	3.78	43	185889	209.778	ug/l	98
17) Carbon Disulfide	4.00	76	154075	42.837	ug/l	99
18) Methyl Acetate	4.28	43	103702	49.468	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	278415	48.458	ug/l	97
20) Methylene Chloride	4.50	84	77222	47.583	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	65697	44.270	ug/l	99
22) Diisopropyl ether	5.90	45	253466	45.859	ug/l	97
23) Vinyl Acetate	5.84	43	875460	208.246	ug/l	97
24) 1,1-Dichloroethane	5.80	63	141080	43.557	ug/l	99
25) 2-Butanone	6.79	43	279221	222.483	ug/l	100
26) 2,2-Dichloropropane	6.77	77	94225	31.559	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	81195	45.610	ug/l	93
28) Bromochloromethane	7.15	49	74934	47.936	ug/l	95
29) Tetrahydrofuran	7.17	42	183723	225.332	ug/l	96
30) Chloroform	7.33	83	157153	45.655	ug/l	99
31) Cyclohexane	7.62	56	123965	41.694	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	142785	46.395	ug/l	99
36) 1,1-Dichloropropene	7.75	75	103147	44.305	ug/l	98
37) Ethyl Acetate	6.88	43	107161	44.064	ug/l	99
38) Carbon Tetrachloride	7.73	117	124464	45.203	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	125614	44.835	ug/l	99
40) Benzene	8.00	78	308339	44.384	ug/l	100
41) Methacrylonitrile	7.14	41	51922m	47.314	ug/l	
42) 1,2-Dichloroethane	8.09	62	133899	45.285	ug/l	100
43) Isopropyl Acetate	8.13	43	176425	43.494	ug/l	99
44) Trichloroethene	8.80	130	76175	45.006	ug/l	99
45) 1,2-Dichloropropane	9.09	63	85753	45.608	ug/l	98
46) Dibromomethane	9.18	93	58183	47.228	ug/l	97
47) Bromodichloromethane	9.37	83	131348	47.471	ug/l	99
48) Methyl methacrylate	9.17	41	87984	44.098	ug/l	95
49) 1,4-Dioxane	9.17	88	35786	967.988	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	602880	229.711	ug/l	98
52) Toluene	10.13	92	198583	46.297	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	136416	44.822	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	136575	44.695	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	85011	46.405	ug/l	98
56) Ethyl methacrylate	10.40	69	133761	48.510	ug/l	98
57) 1,3-Dichloropropane	10.68	76	145072	46.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	176058	225.884	ug/l	100
59) 2-Hexanone	10.72	43	455366	232.598	ug/l	99
60) Dibromochloromethane	10.88	129	101405	48.507	ug/l	99
61) 1,2-Dibromoethane	10.98	107	86283	47.732	ug/l	100
64) Tetrachloroethene	10.60	164	67014	45.447	ug/l	98
65) Chlorobenzene	11.41	112	220303	46.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	92455	48.192	ug/l	98
67) Ethyl Benzene	11.49	91	403640	47.215	ug/l	99
68) m/p-Xylenes	11.60	106	302025	97.324	ug/l	97
69) o-Xylene	11.92	106	145875	50.160	ug/l	96
70) Styrene	11.94	104	257775	50.426	ug/l	100
71) Bromoform	12.10	173	75784	48.280	ug/l #	98
73) Isopropylbenzene	12.23	105	409020	42.831	ug/l	99
74) N-amyl acetate	12.05	43	163171	42.164	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	130494	38.818	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	136774m	39.990	ug/l	
77) Bromobenzene	12.50	156	99532	41.948	ug/l	94
78) n-propylbenzene	12.57	91	473452	42.236	ug/l	99
79) 2-Chlorotoluene	12.65	91	291645	41.488	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	369369	44.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	43526	38.849	ug/l	100
82) 4-Chlorotoluene	12.75	91	305732	42.204	ug/l	98
83) tert-Butylbenzene	12.97	119	340226	48.532	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	397701	50.178	ug/l	99
85) sec-Butylbenzene	13.15	105	447283	48.587	ug/l	99
86) p-Isopropyltoluene	13.26	119	402702	49.281	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	200309	47.255	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	195038	45.875	ug/l	99
89) n-Butylbenzene	13.59	91	317059	45.877	ug/l	100
90) Hexachloroethane	13.85	117	80510	45.708	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	192917	48.544	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	33059	45.807	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86349	41.092	ug/l	98
94) Hexachlorobutadiene	14.99	225	60332	48.177	ug/l	98
95) Naphthalene	15.10	128	224918	39.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89452	42.934	ug/l	99

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

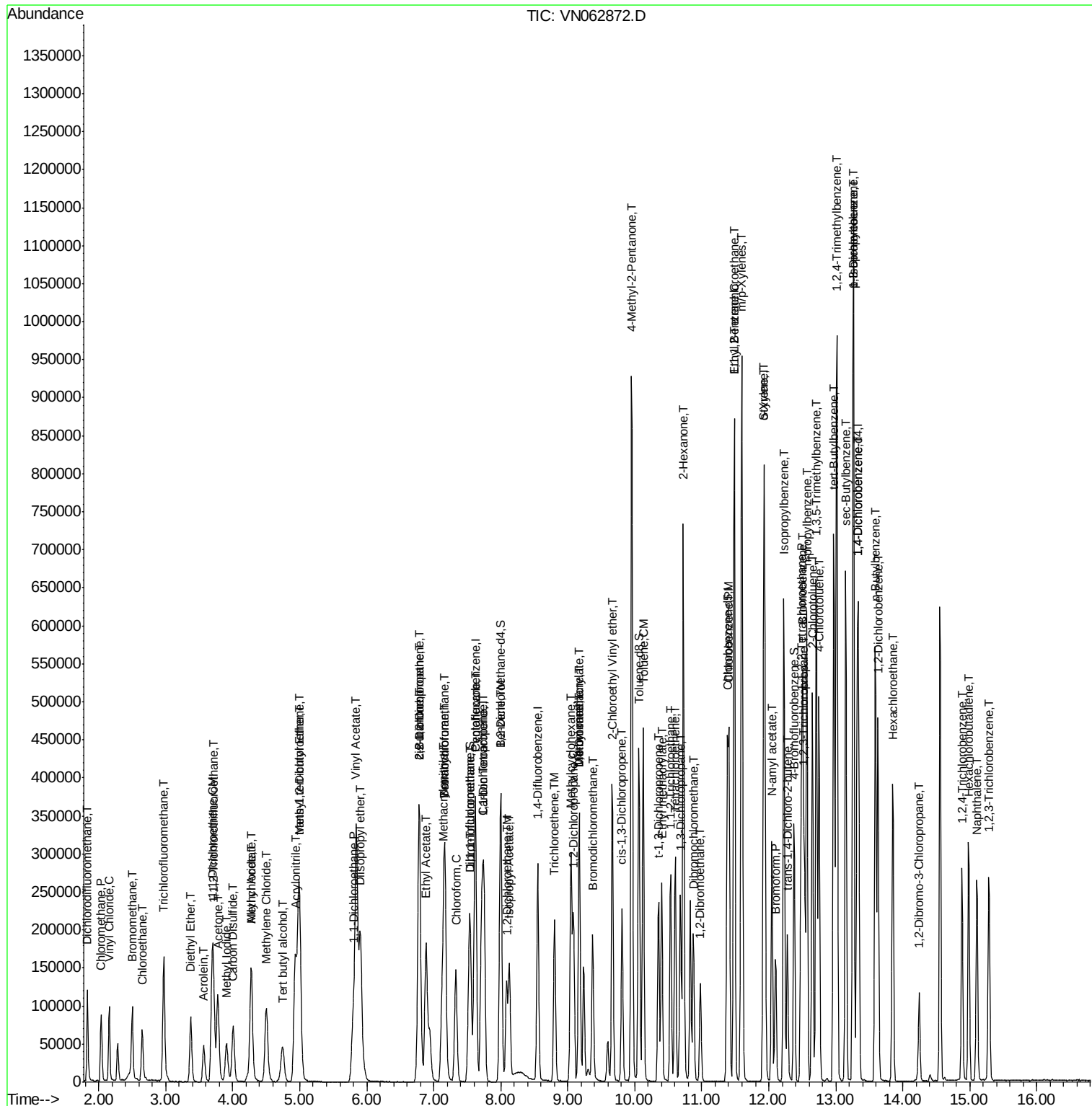
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Data File : VN062872.D
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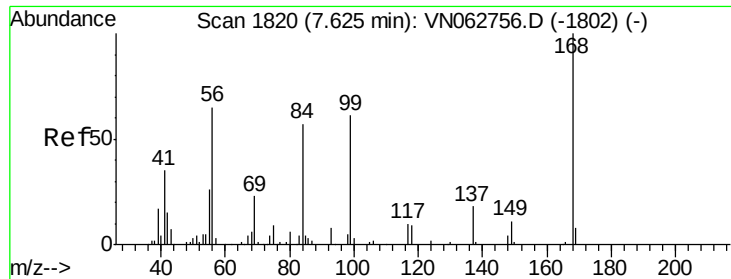
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 148295

Ion Ratio Lower Upper

168 100

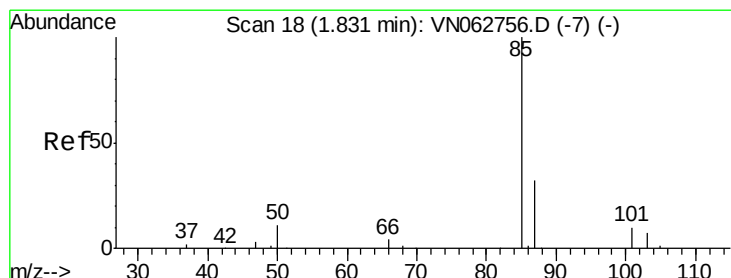
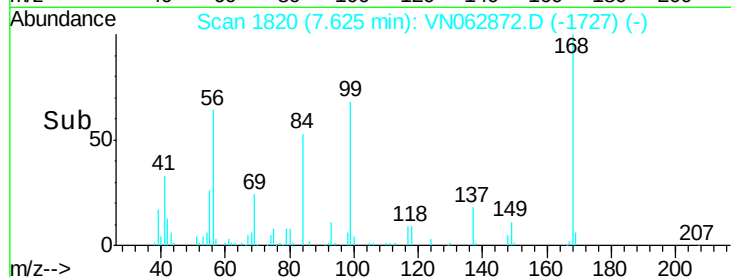
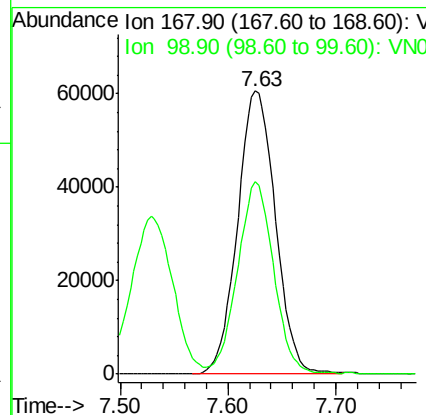
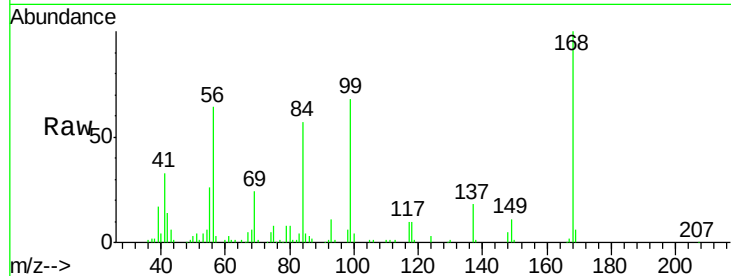
99 67.7 52.9 79.3

Manual Integrations

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8/13/2020 10:56:39 AM



#2

Dichlorodifluoromethane

Concen: 45.108 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062872.D

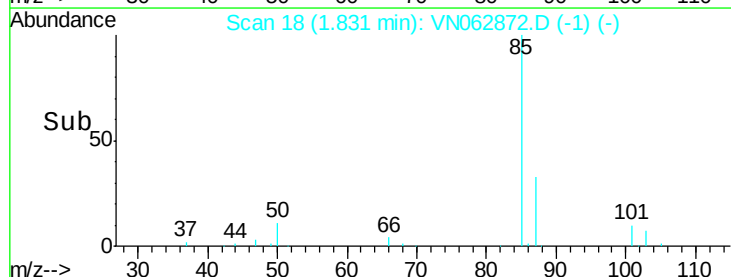
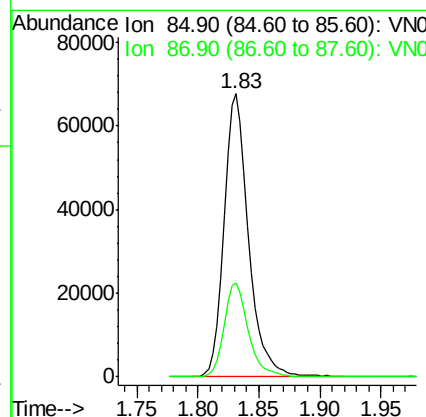
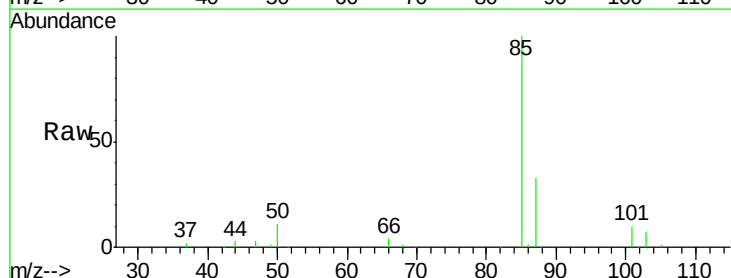
Acq: 12 Aug 2020 21:27

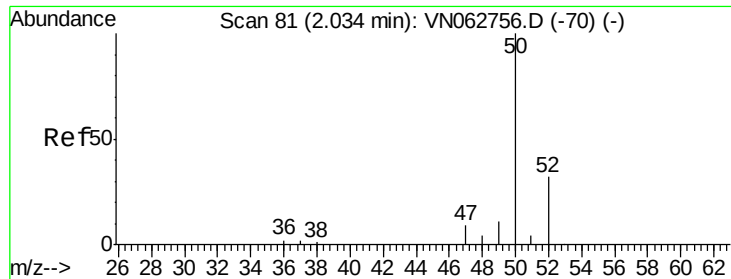
Tgt Ion: 85 Resp: 95788

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.6





#3

Chloromethane

Concen: 42.466 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 85097

Ion Ratio Lower Upper

50 100

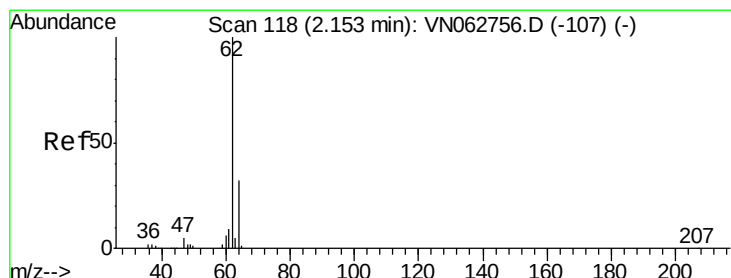
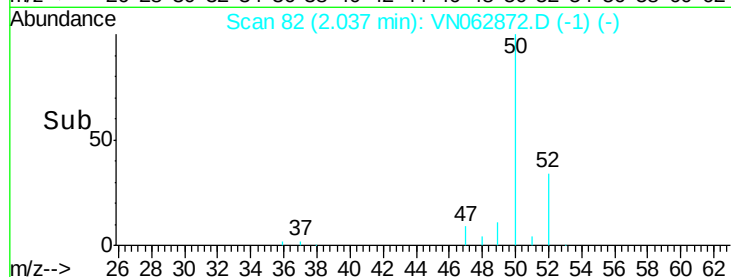
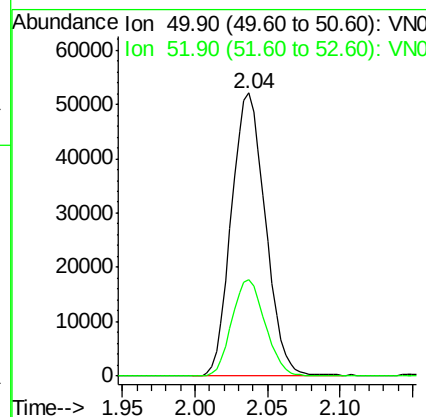
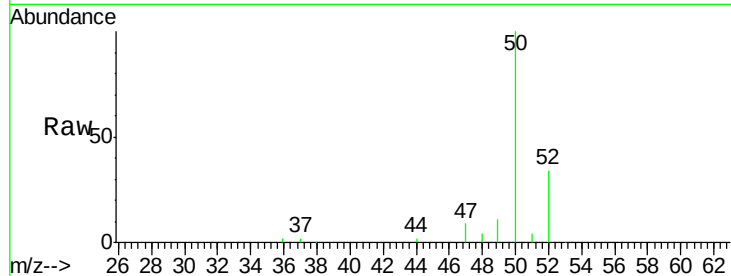
52 34.1 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.613 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062872.D

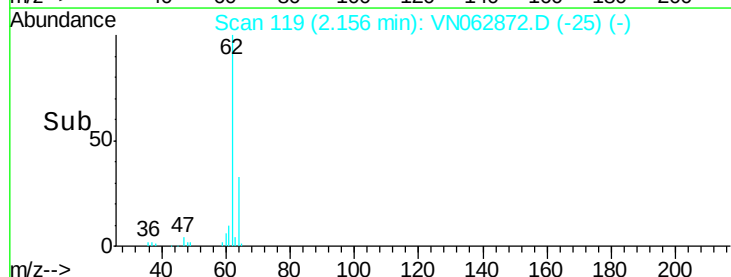
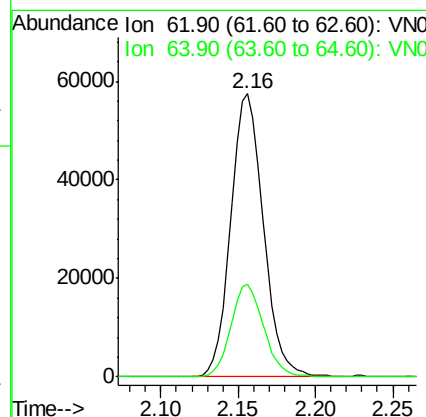
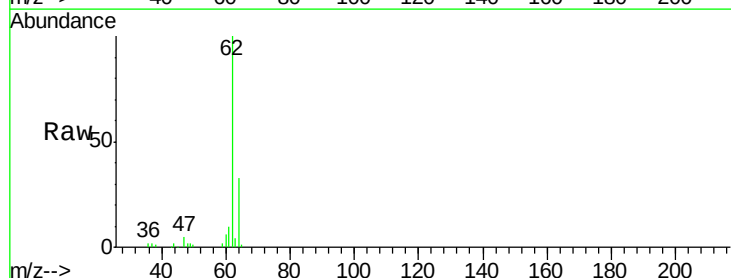
Acq: 12 Aug 2020 21:27

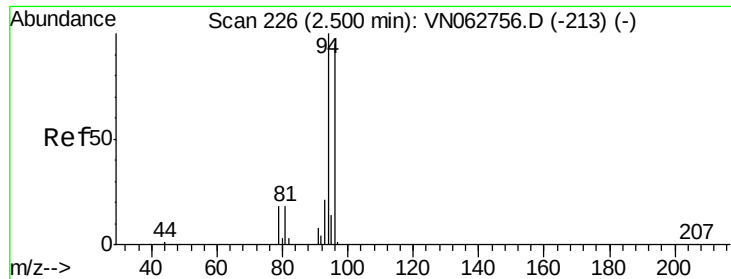
Tgt Ion: 62 Resp: 83851

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 47.669 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 59309

Ion Ratio Lower Upper

94 100

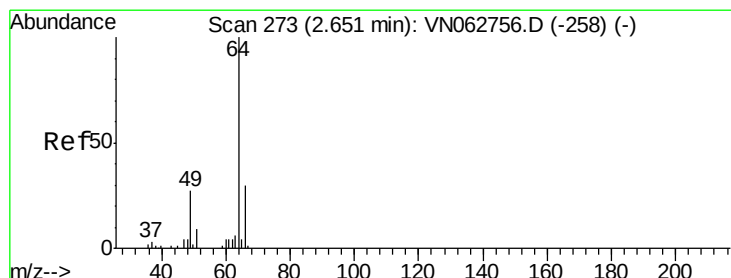
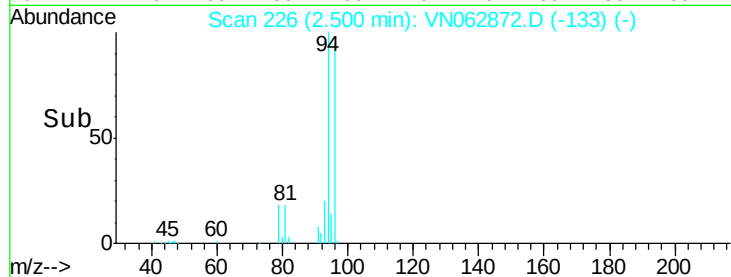
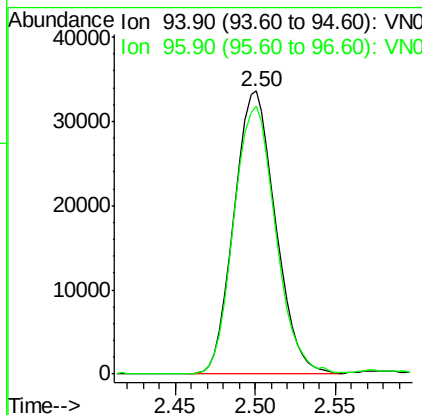
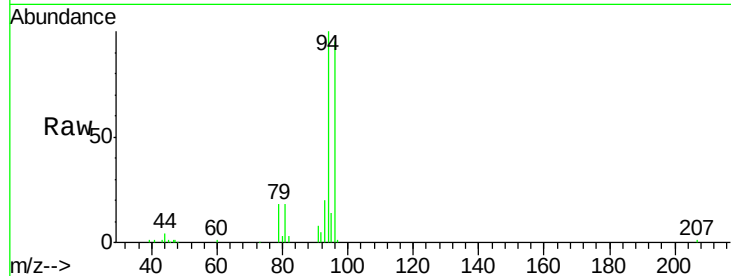
96 94.7 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 54.801 ug/l

RT: 2.65 min Scan# 272

Delta R.T. -0.00 min

Lab File: VN062872.D

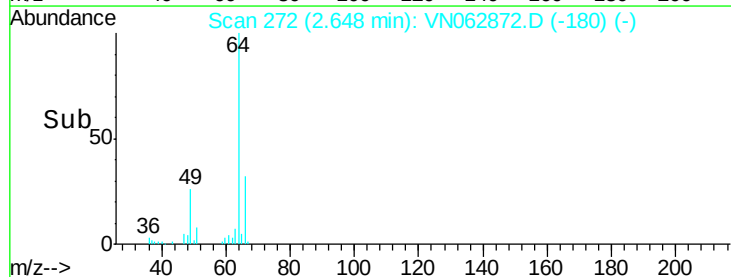
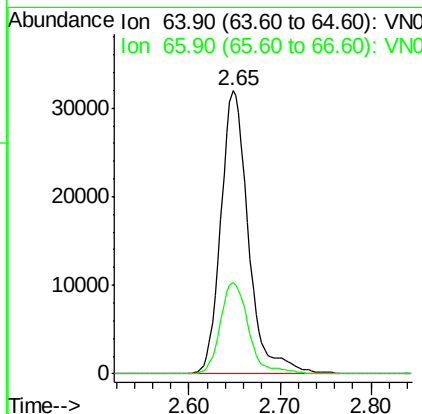
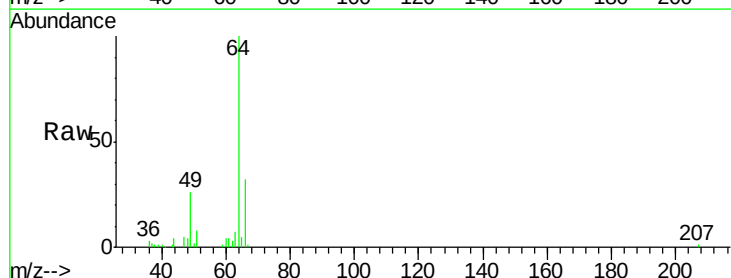
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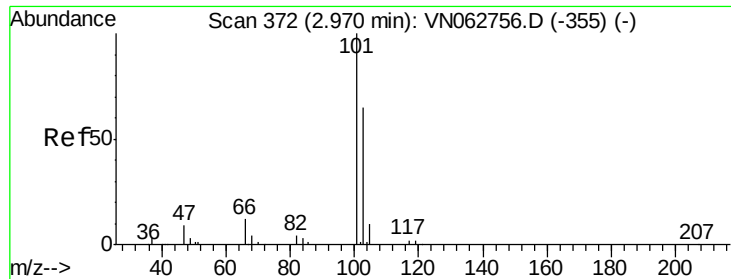
Tgt Ion: 64 Resp: 67761

Ion Ratio Lower Upper

64 100

66 32.1 24.0 36.0





#7

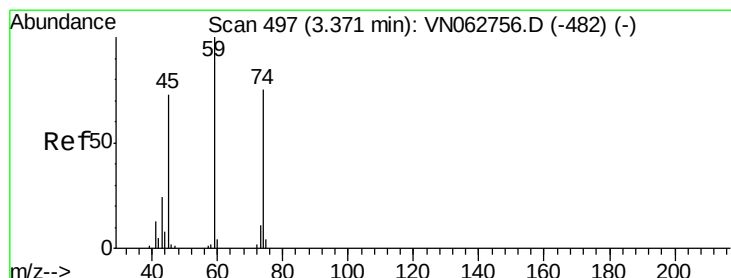
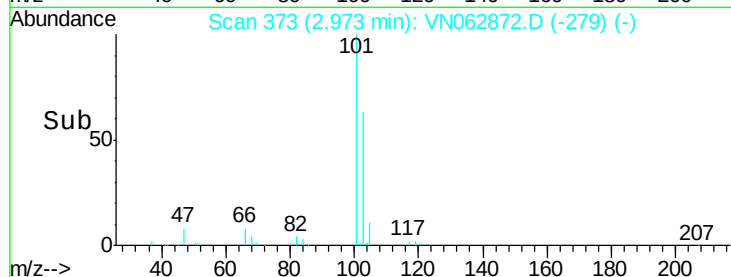
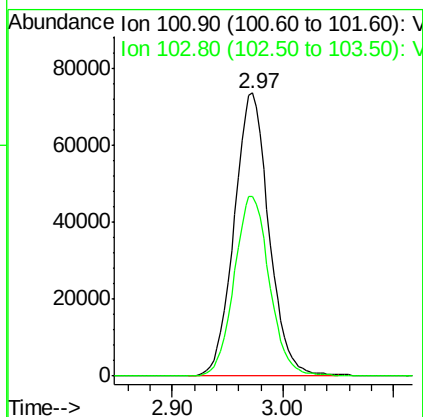
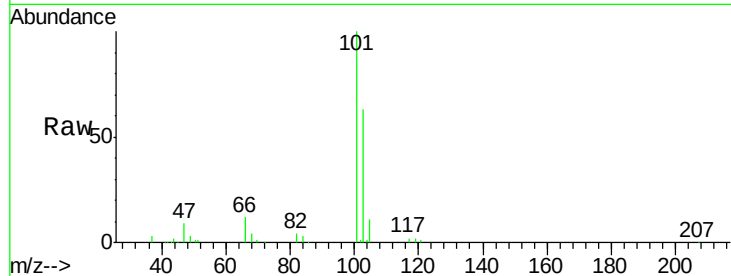
Trichlorofluoromethane
 Concen: 47.968 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.3	78.5

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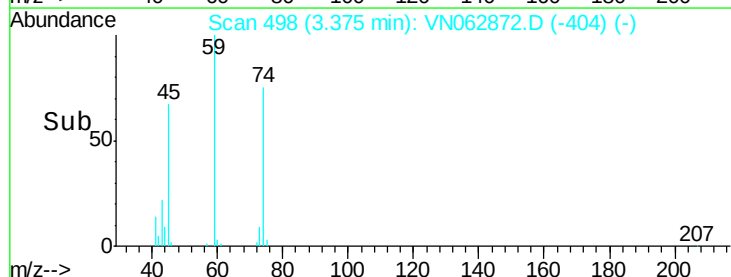
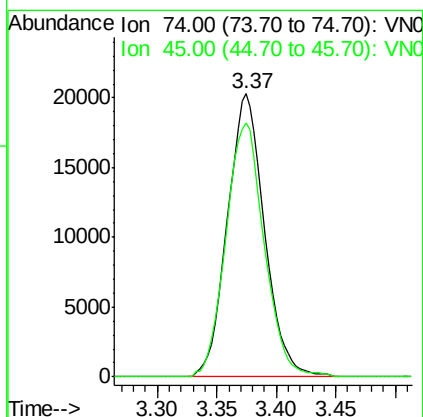
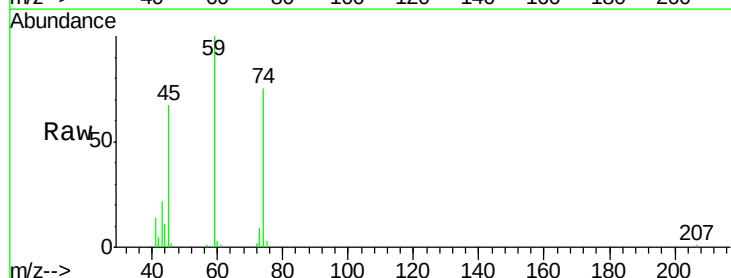
MMDadoda
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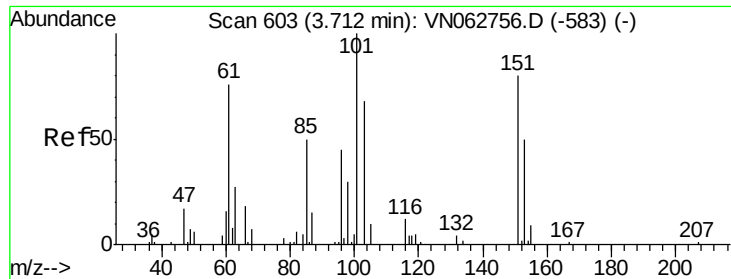


#8

Diethyl Ether
 Concen: 45.665 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.1	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.319 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062872.D

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Instrument :

MSVOA_N

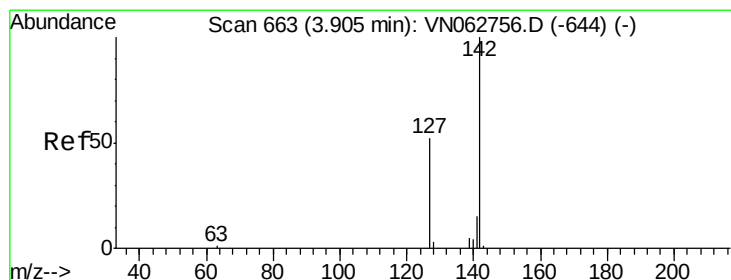
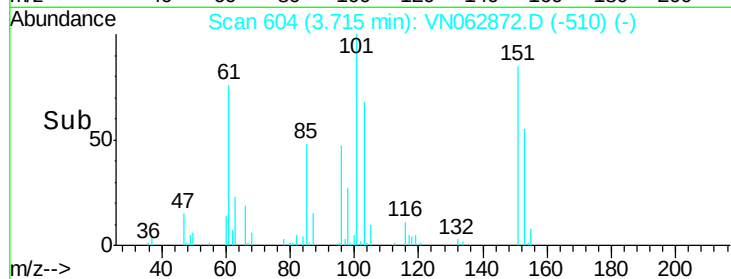
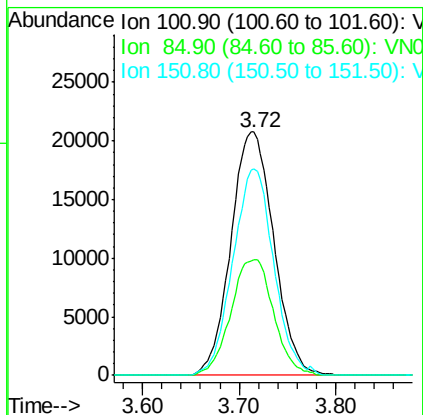
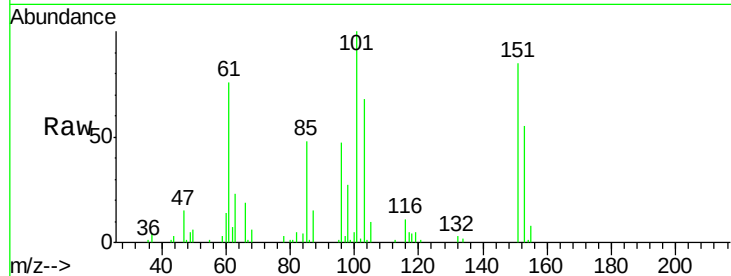
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	64023
Ion Ratio	Lower	Upper	
101	100		
85	47.2	38.5	57.7
151	80.4	63.0	94.6

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#10

Methyl Iodide

Concen: 51.582 ug/l

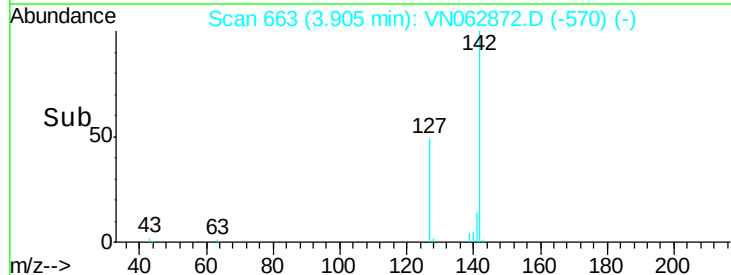
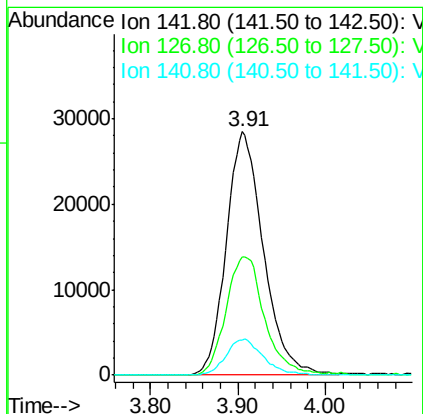
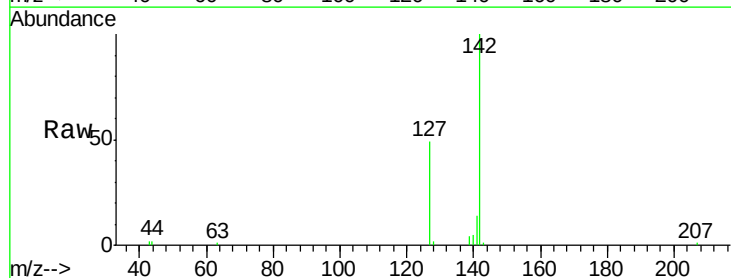
RT: 3.91 min Scan# 663

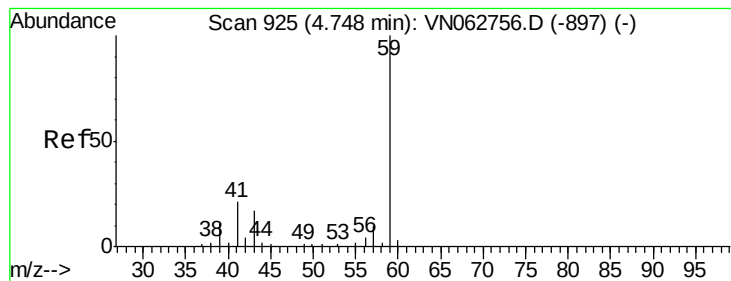
Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion:	142	Resp:	83790
Ion Ratio	Lower	Upper	
142	100		
127	50.4	41.4	62.0
141	14.8	12.2	18.4





#11

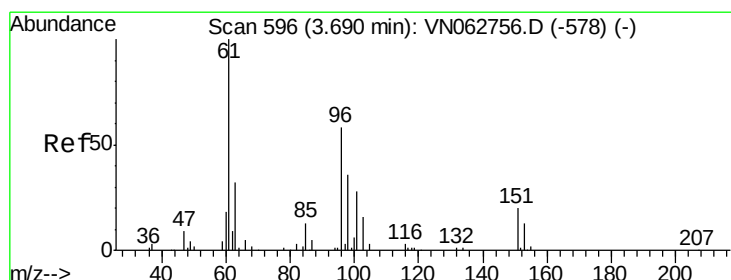
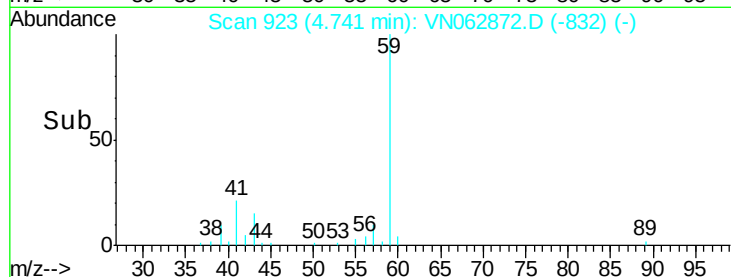
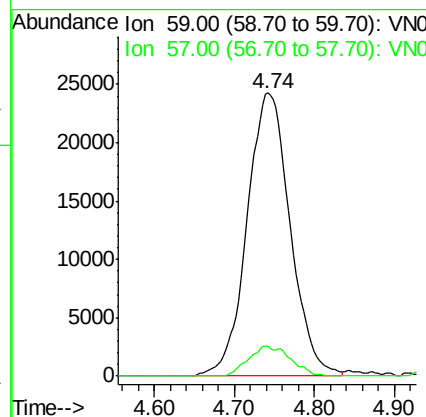
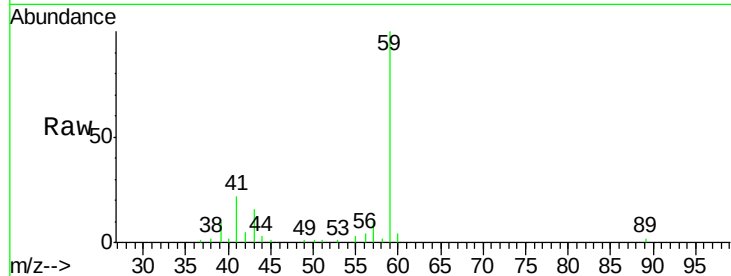
Tert butyl alcohol
 Concen: 221.973 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.9	8.3	12.5#

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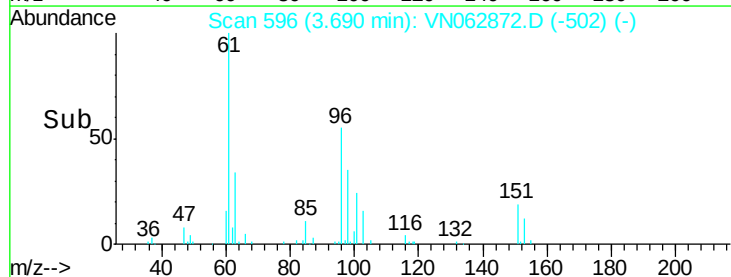
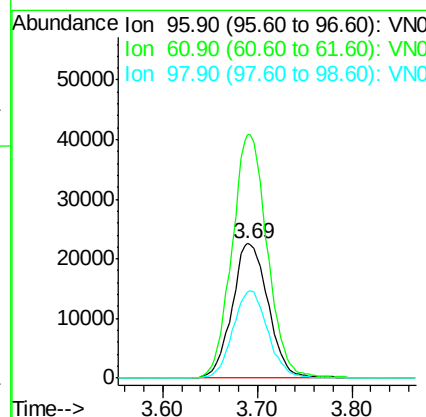
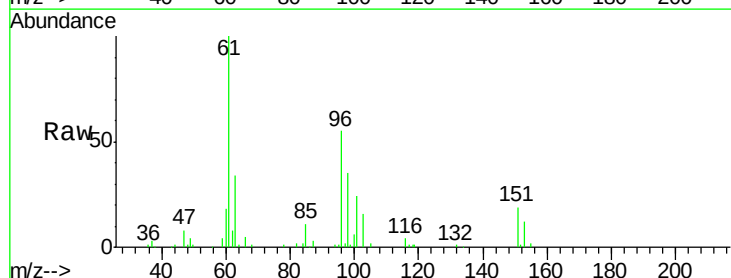
MMDadoda
 8/13/2020 10:56:39 AM

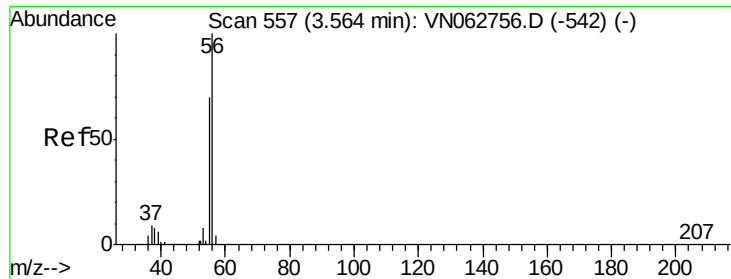


#12

1,1-Dichloroethene
 Concen: 47.235 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.2	139.0	208.6
98	63.7	50.2	75.4





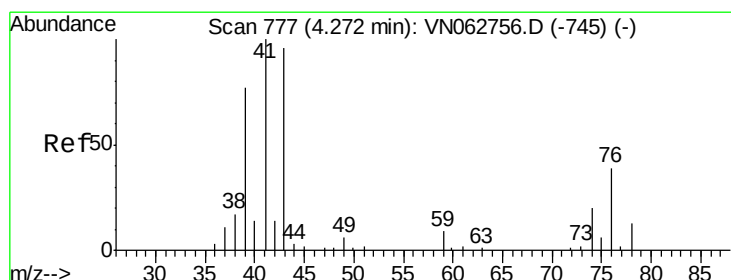
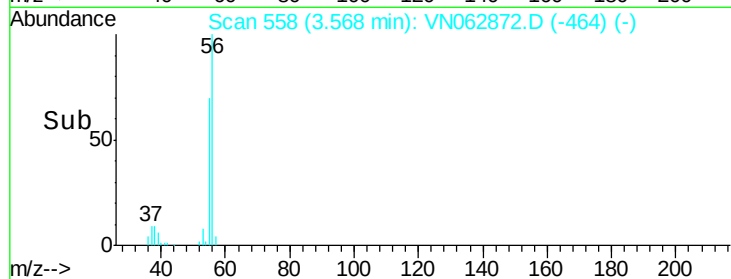
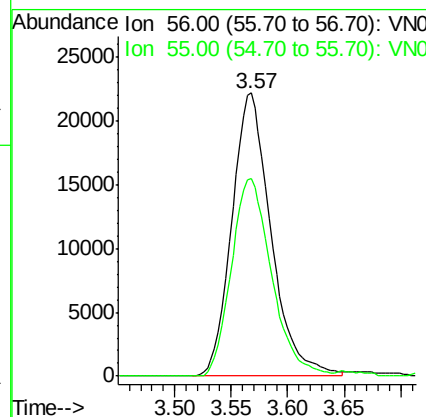
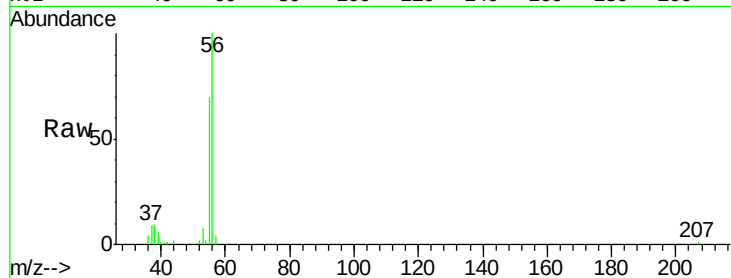
#13
Acrolein
Concen: 220.019 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	53543
Ion Ratio	100	Lower	Upper
56	100		
55	71.4	57.0	85.6

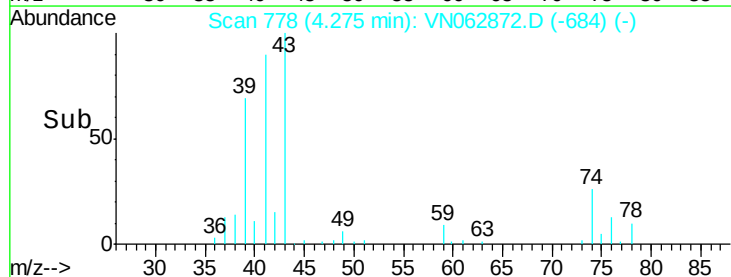
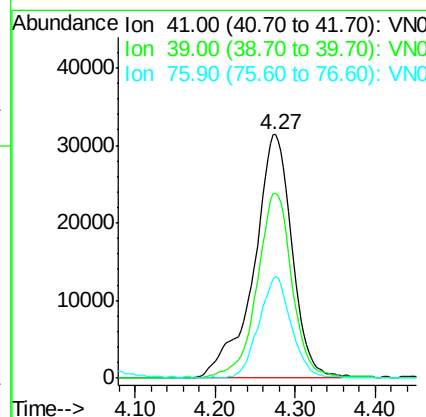
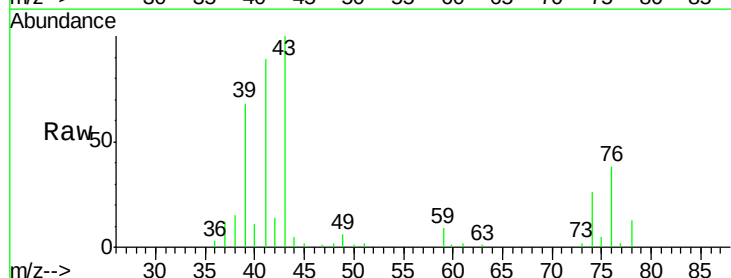
Manual Integrations
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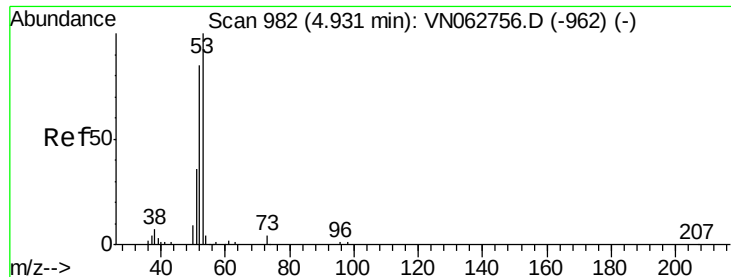
MMDadoda
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#14
Allyl chloride
Concen: 39.812 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	41	Resp	103365
Ion Ratio	100	Lower	Upper
41	100		
39	69.3	55.7	83.5
76	35.3	27.5	41.3





#15

Acrylonitrile

Concen: 230.343 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

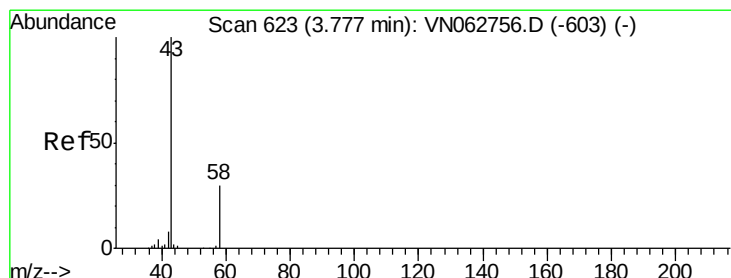
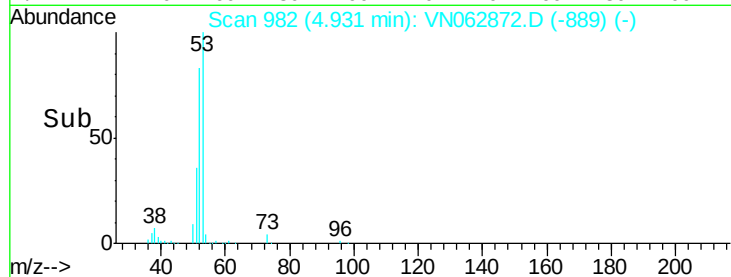
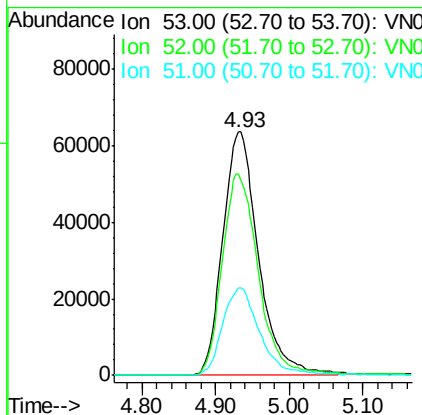
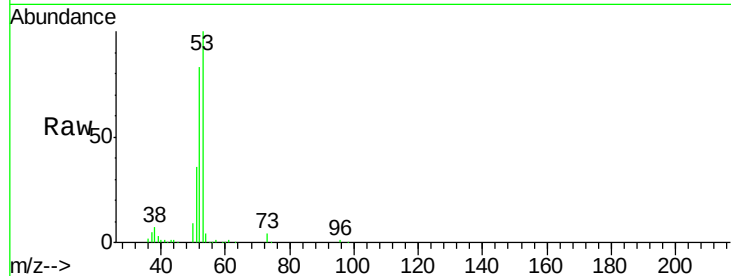
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	214735
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.8	100.2
51	37.4	29.5	44.3

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#16

Acetone

Concen: 209.778 ug/l

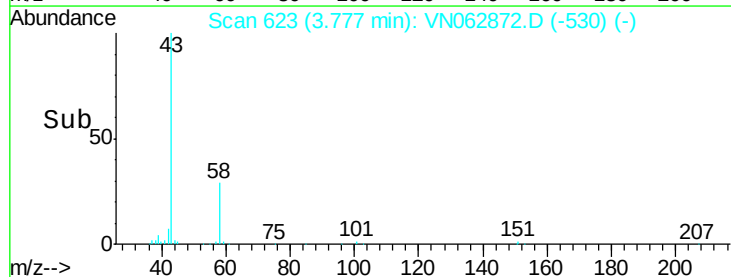
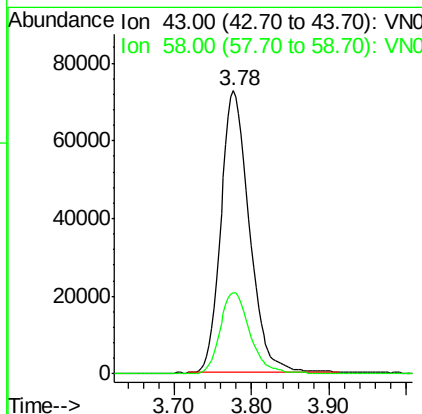
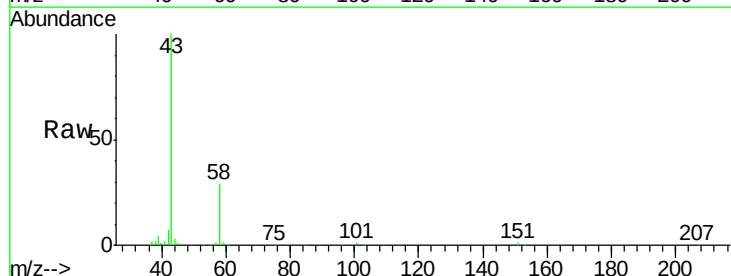
RT: 3.78 min Scan# 623

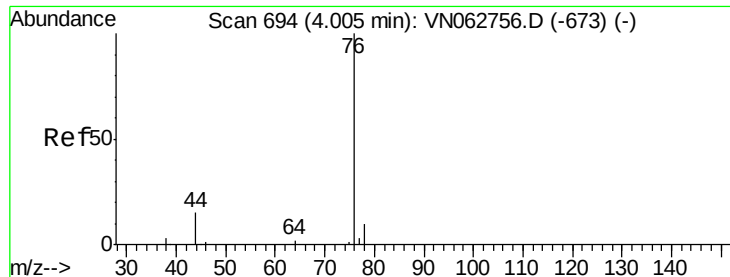
Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion:	43	Resp:	185889
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.1	36.1





#17

Carbon Disulfide

Concen: 42.837 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 154075

Ion Ratio Lower Upper

76 100

78 9.1

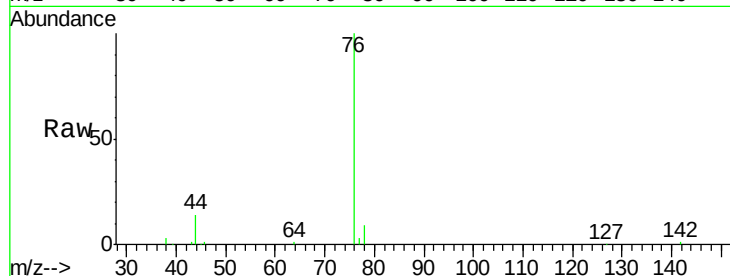
7.7 11.5

Manual Integrations

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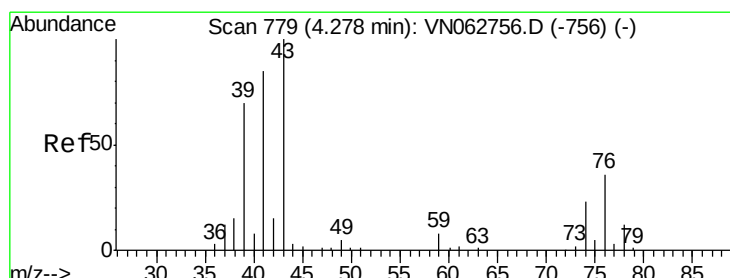
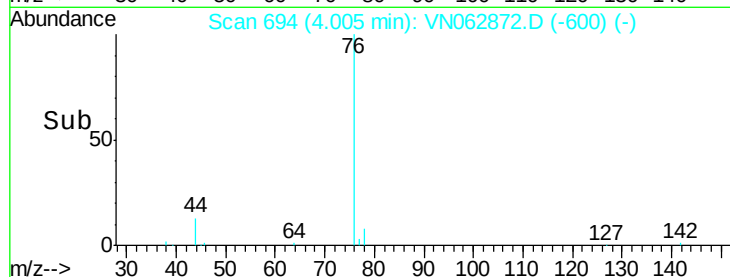
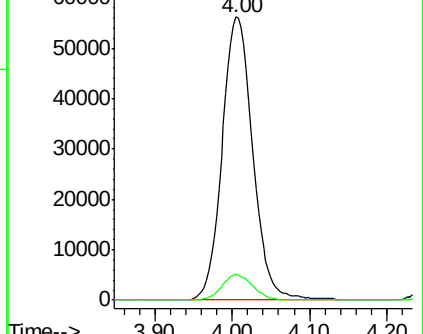
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 49.468 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

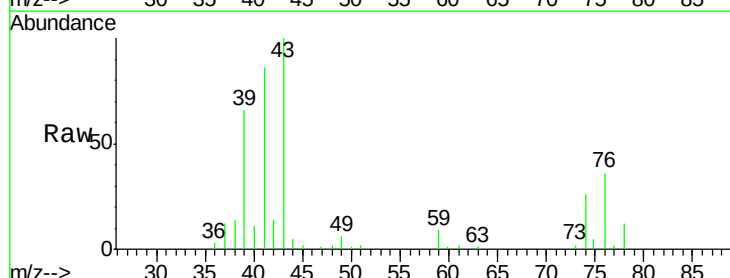
Tgt Ion: 43 Resp: 103702

Ion Ratio Lower Upper

43 100

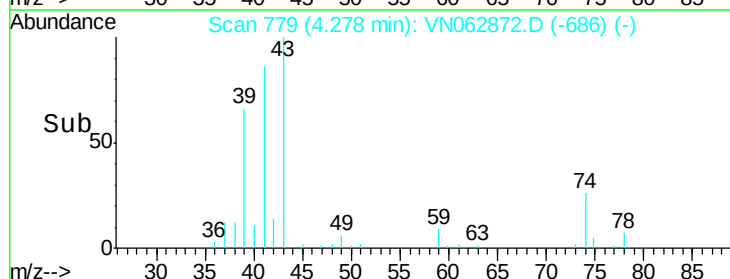
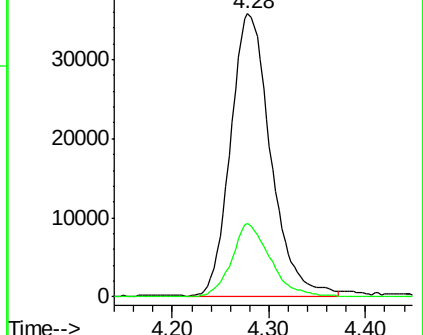
74 24.9

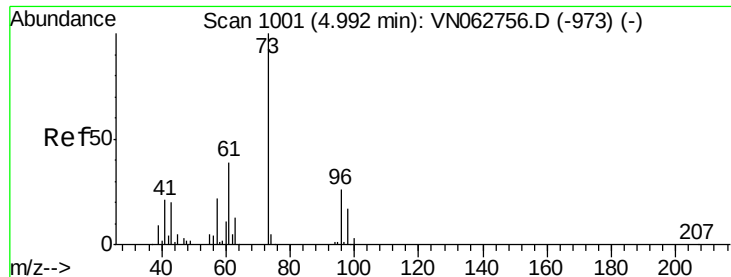
18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





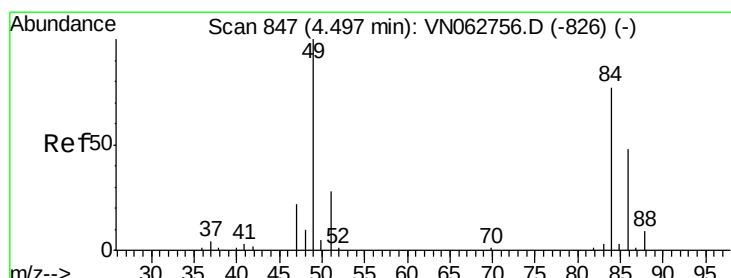
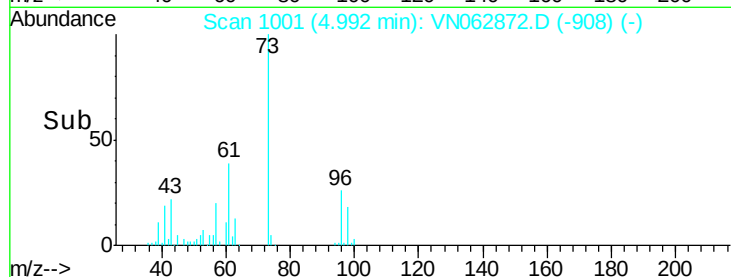
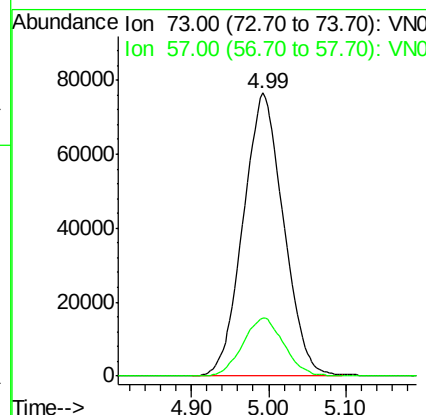
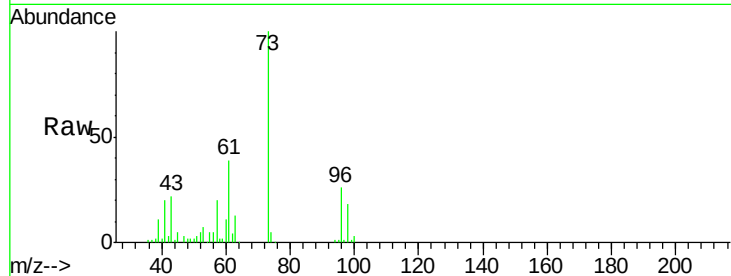
#19
Methyl tert-butyl Ether
Concen: 48.458 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 278415
Ion Ratio Lower Upper
73 100
57 20.4 17.5 26.3

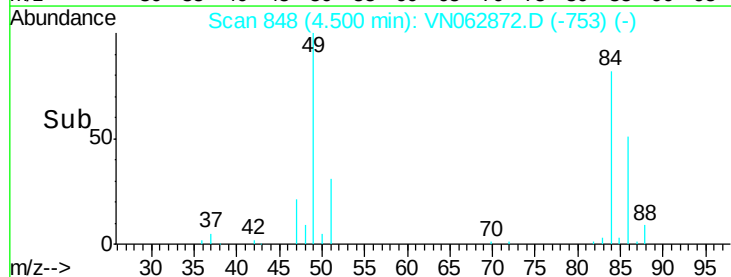
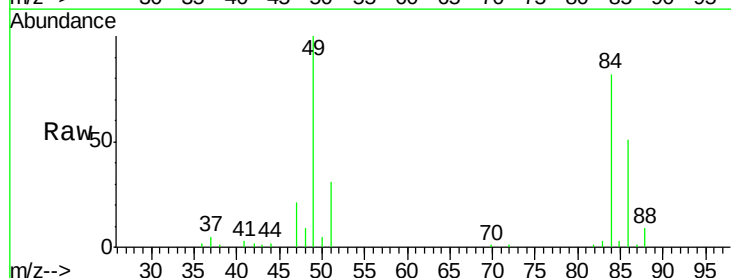
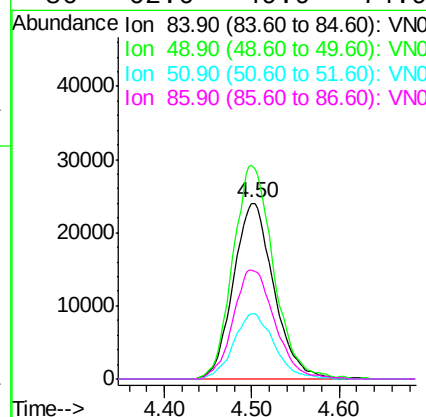
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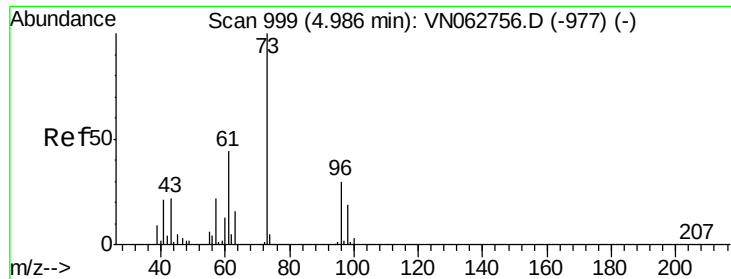
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#20
Methylene Chloride
Concen: 47.583 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 84 Resp: 77222
Ion Ratio Lower Upper
84 100
49 121.6 103.4 155.2
51 37.4 29.3 43.9
86 62.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 44.270 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

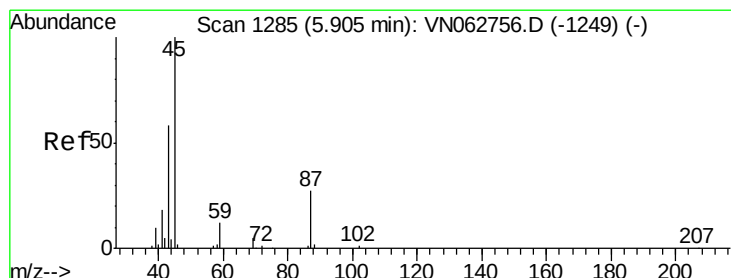
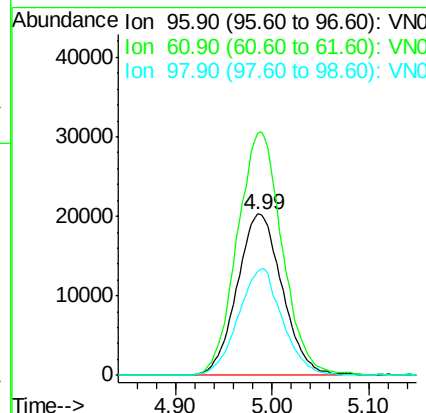
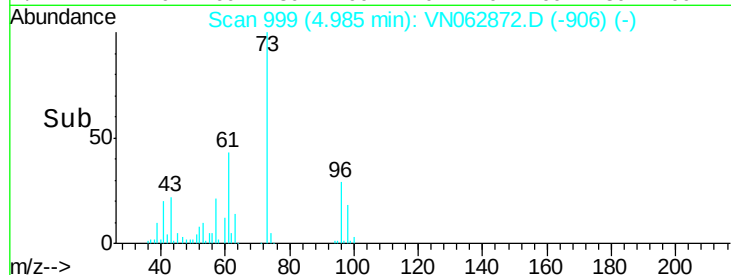
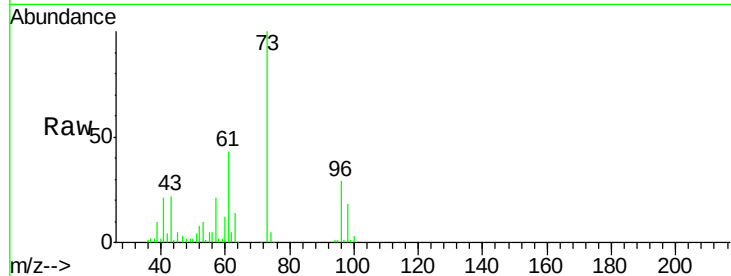
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	65697
Ion	Ratio	Lower	Upper
96	100		
61	150.0	118.8	178.2
98	64.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.859 ug/l

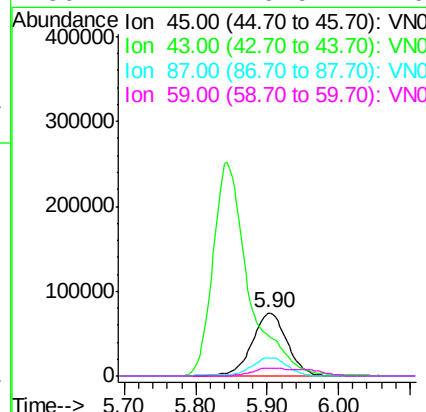
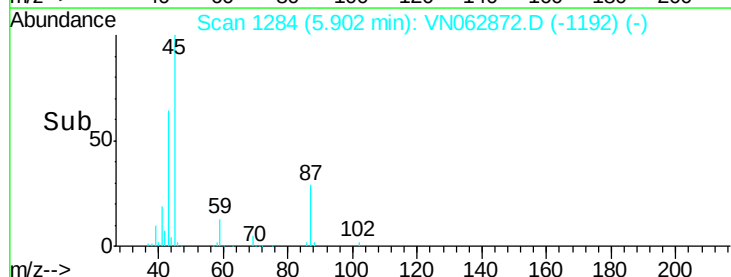
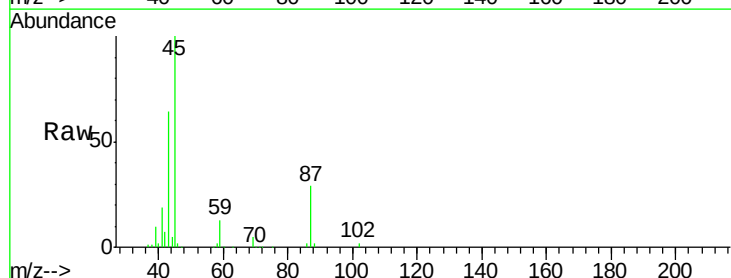
RT: 5.90 min Scan# 1284

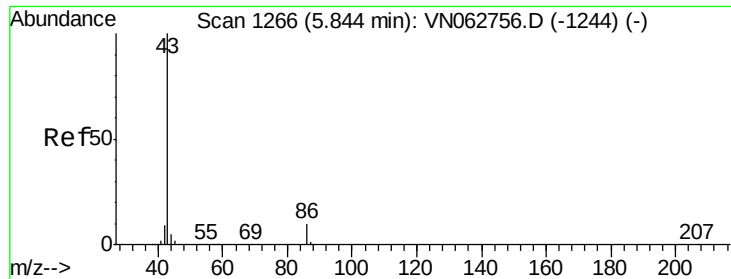
Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion:	45	Resp:	253466
Ion	Ratio	Lower	Upper
45	100		
43	62.2	47.4	71.2
87	29.0	22.8	34.2
59	12.1	9.9	14.9





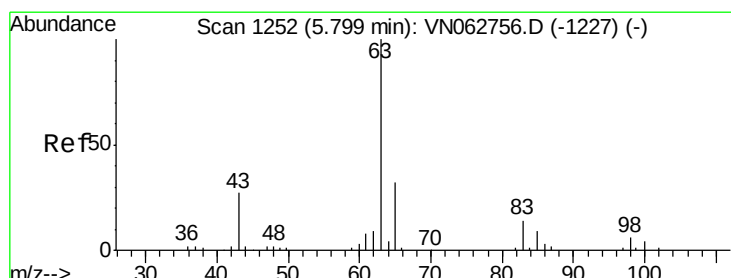
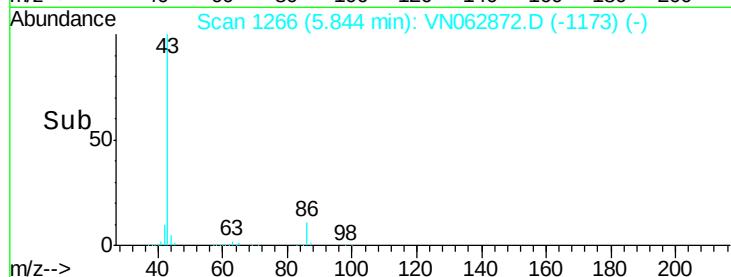
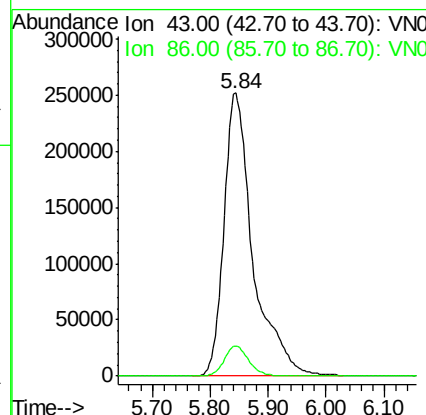
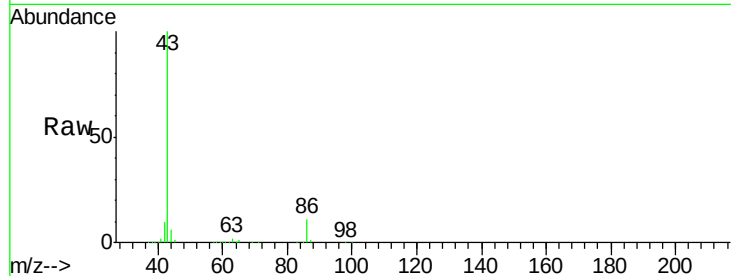
#23
 Vinyl Acetate
 Concen: 208.246 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 875460
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.7 11.5

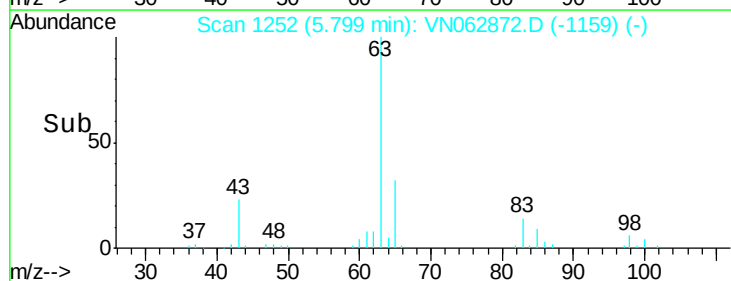
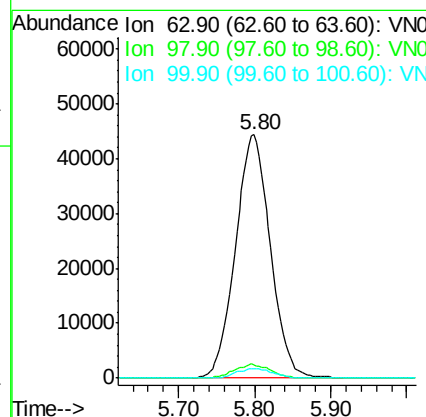
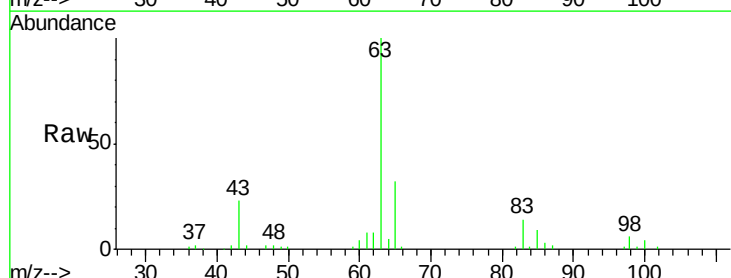
Manual Integrations
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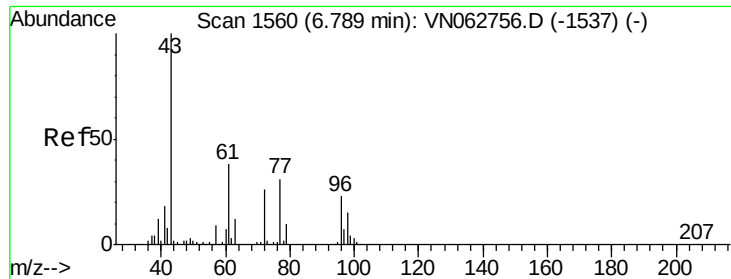
MMDadoda
 8/13/2020 10:56:39 AM



#24
 1,1-Dichloroethane
 Concen: 43.557 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 63 Resp: 141080
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.2
 100 3.8 1.9 5.7





#25

2-Butanone

Concen: 222.483 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tot Ion: 43 Resp: 279221

Ion Ratio Lower Upper

43 100

72 26.2 21.1 31.7

Instrument :

MSVOA_N

ClientSampleId :

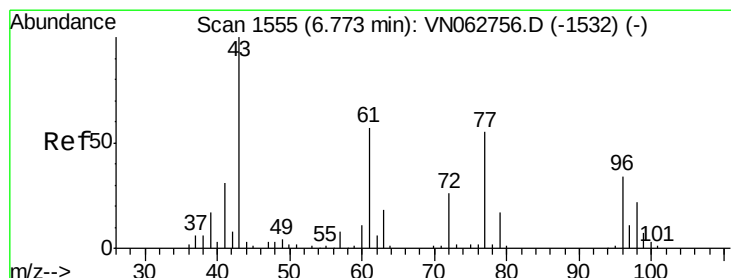
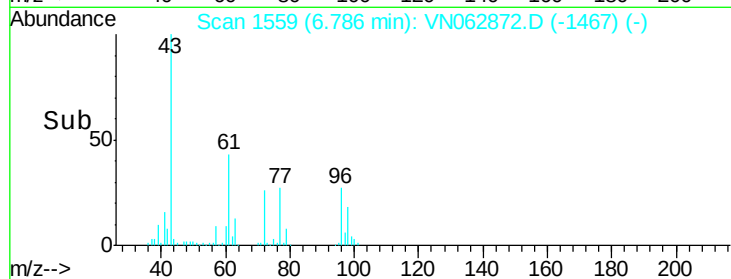
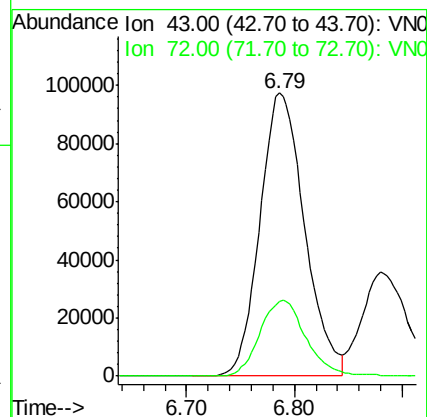
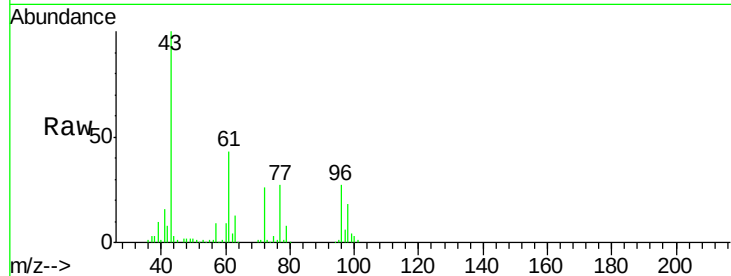
VSTDCCC050EC

Manual Integrations

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MMDadoda

8/13/2020 10:56:39 AM



#26

2,2-Dichloropropane

Concen: 31.559 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062872.D

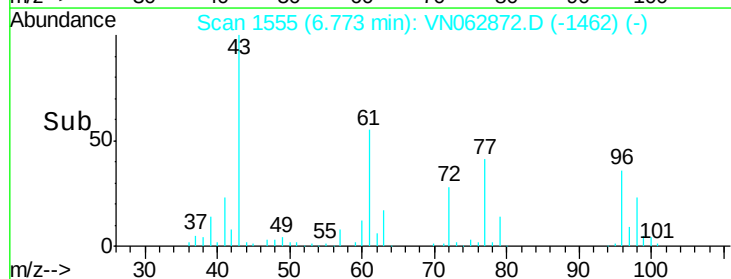
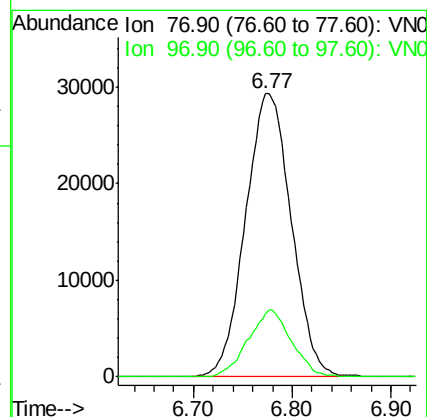
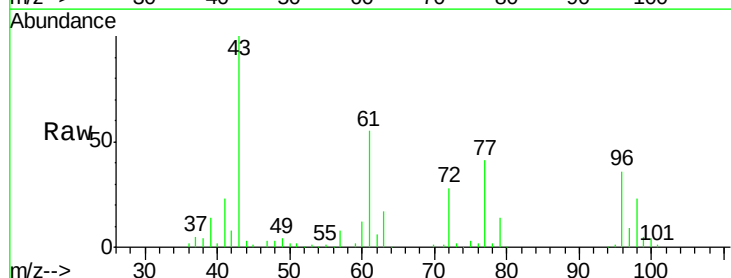
Acq: 12 Aug 2020 21:27

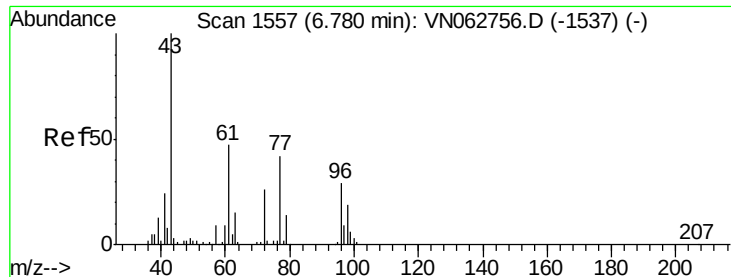
Tgt Ion: 77 Resp: 94225

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 45.610 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

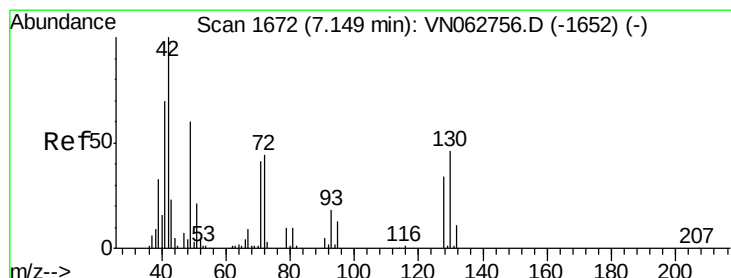
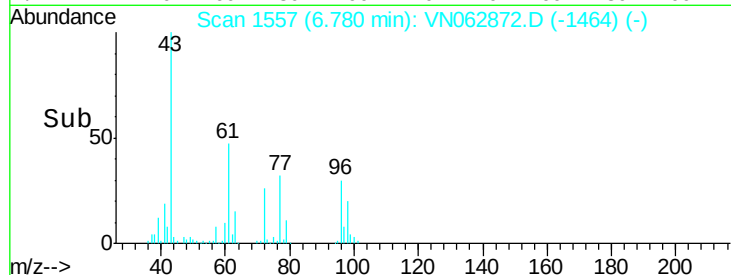
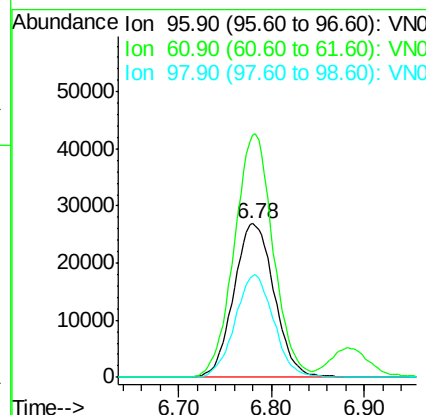
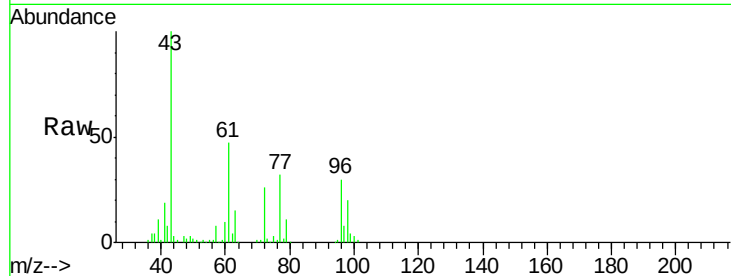
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	81195
Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	332.2
98	63.9	0.0	129.4

Manual Integrations
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#28

Bromochloromethane

Concen: 47.936 ug/l

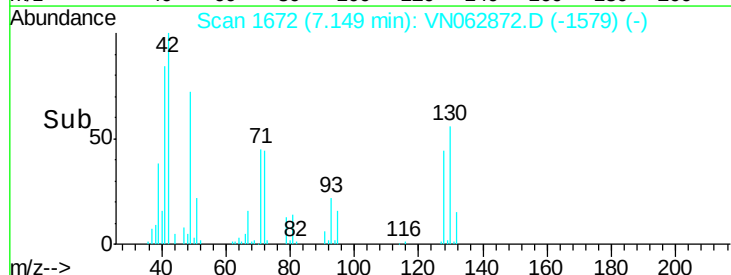
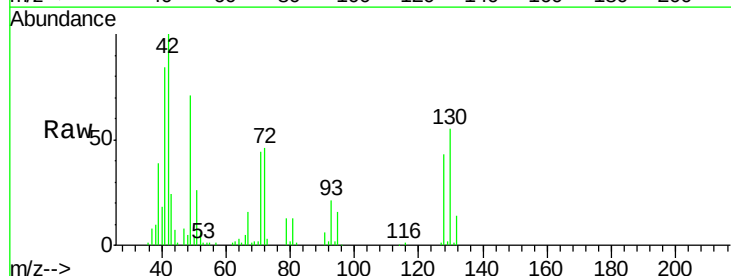
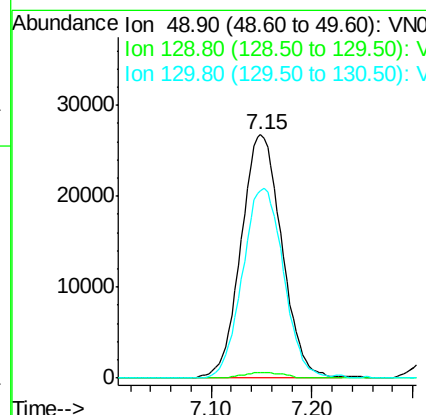
RT: 7.15 min Scan# 1672

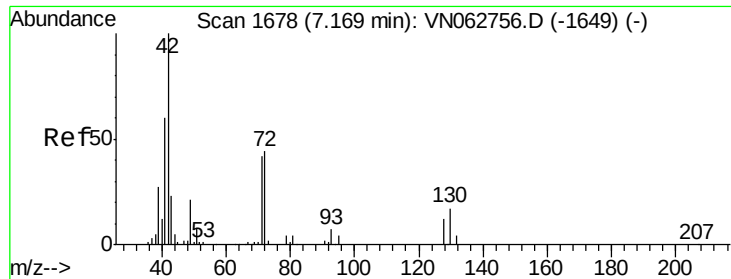
Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion:	49	Resp:	74934
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.2
130	78.3	59.0	88.6





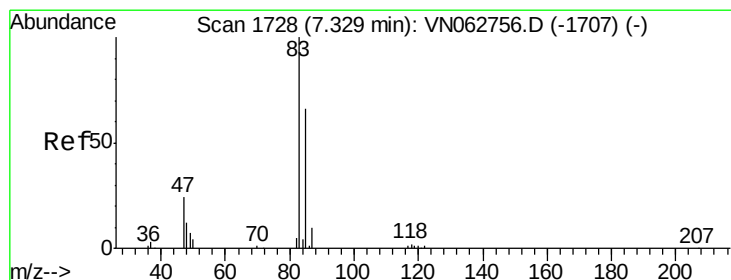
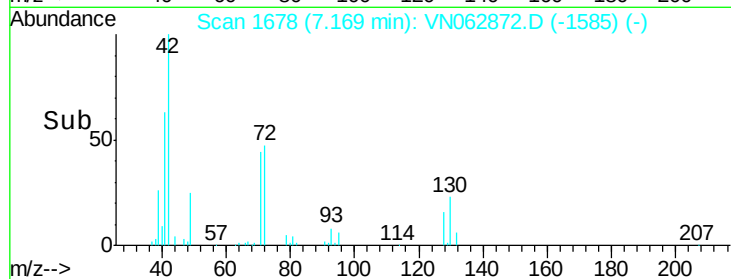
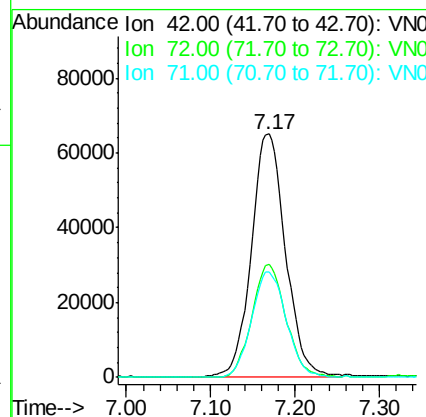
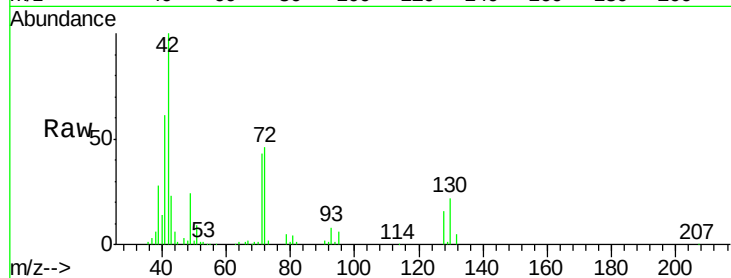
#29
Tetrahydrofuran
Concen: 225.332 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	35.0	52.4
71	43.8	33.2	49.8

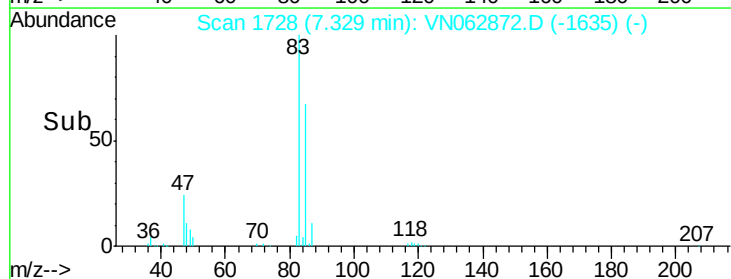
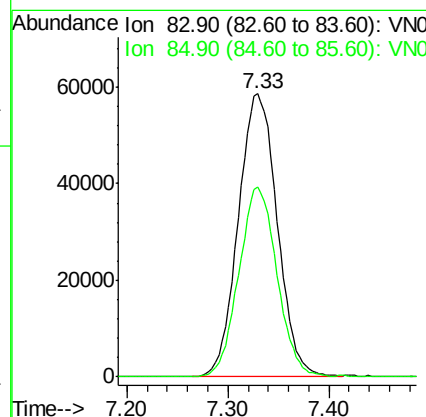
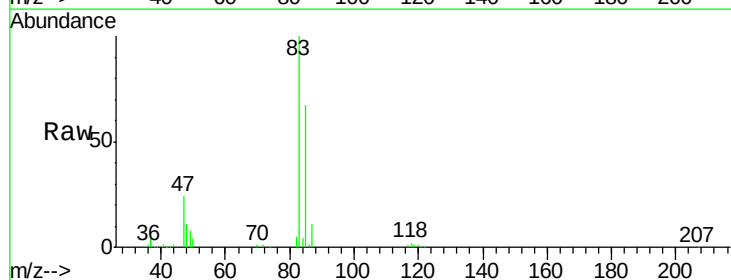
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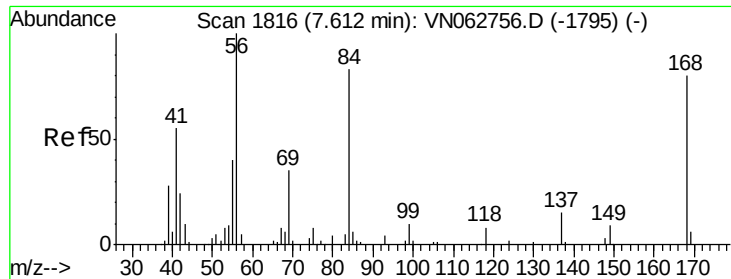
MMDadoda
8/13/2020 10:56:39 AM



#30
Chloroform
Concen: 45.655 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.7	79.1





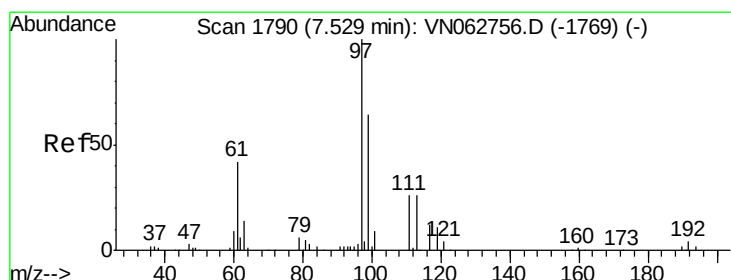
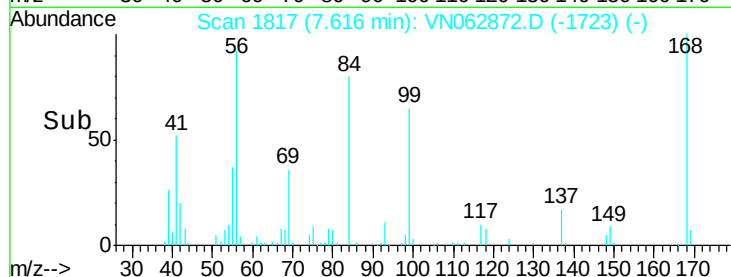
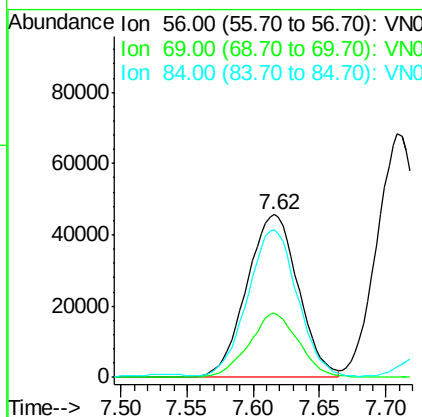
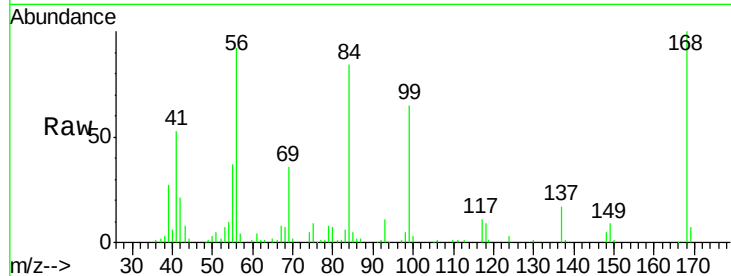
#31
Cyclohexane
Concen: 41.694 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
56	100	123965		
69	39.2		28.1	42.1
84	89.6		66.8	100.2

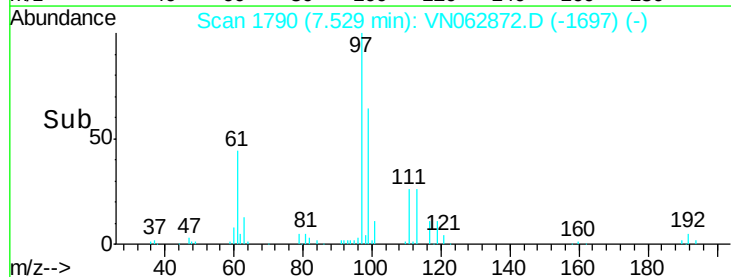
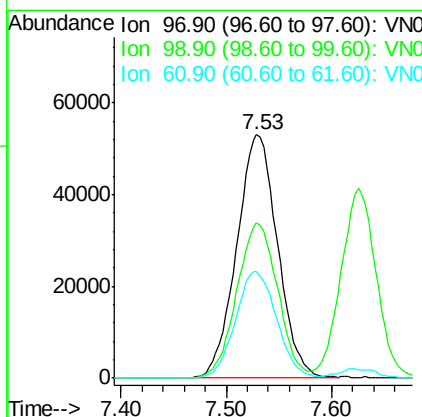
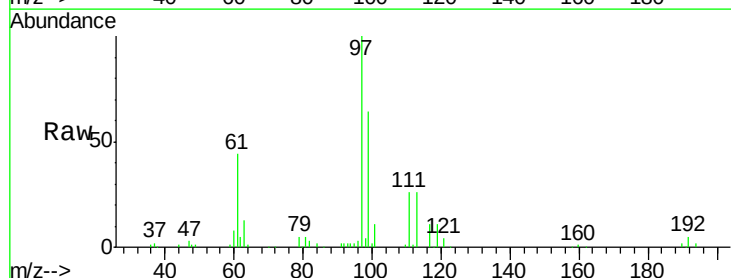
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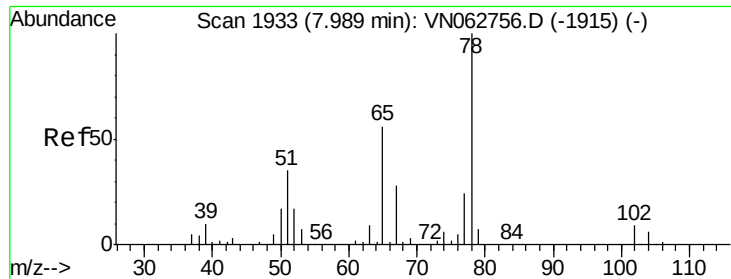
MMDadoda
8/13/2020 10:56:39 AM



#32
1,1,1-Trichloroethane
Concen: 46.395 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	142785		
99	63.8		50.0	75.0
61	44.2		34.8	52.2





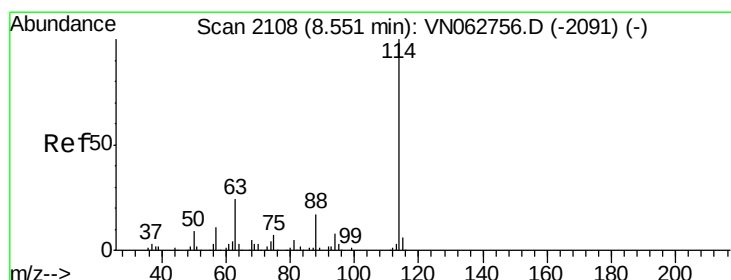
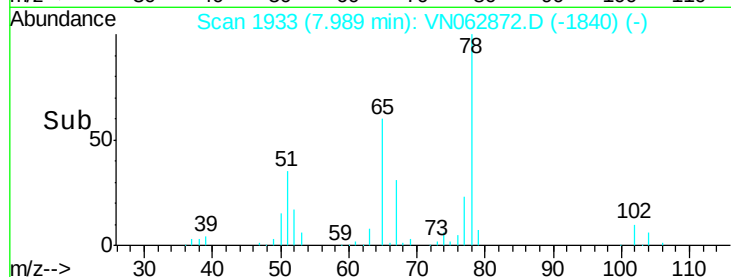
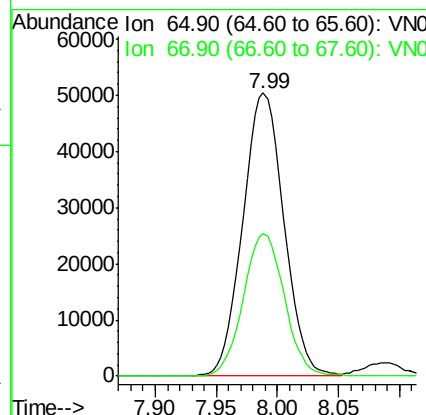
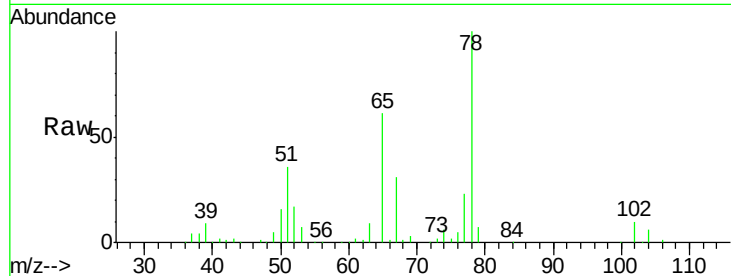
#33
 1,2-Dichloroethane-d4
 Concen: 47.978 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117658		
67	50.1	0.0	101.4	

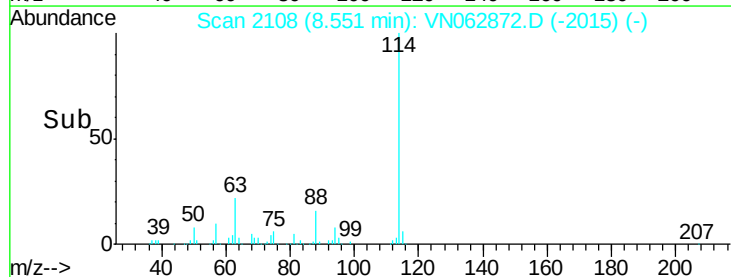
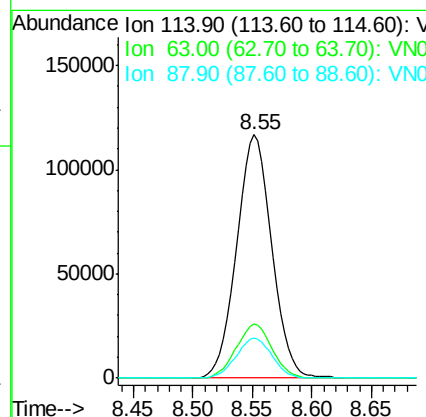
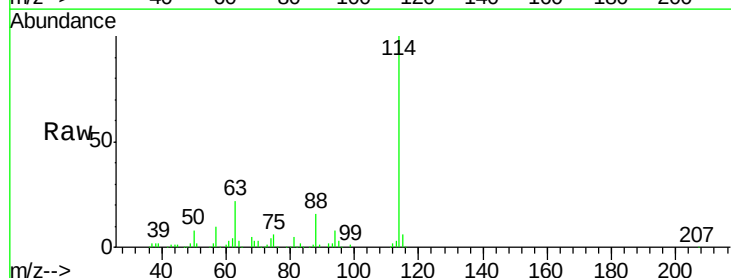
Manual Integrations
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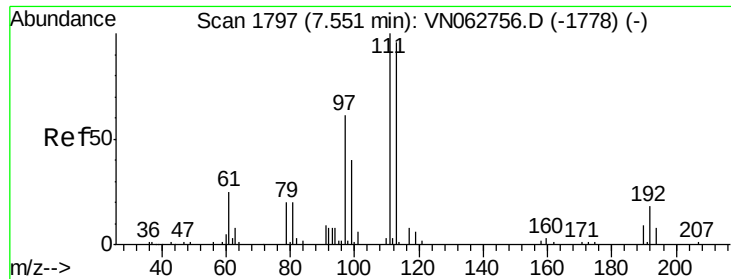
MMDadoda
 8/13/2020 10:56:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	239094		
63	22.3	0.0	47.6	
88	16.5	0.0	34.4	





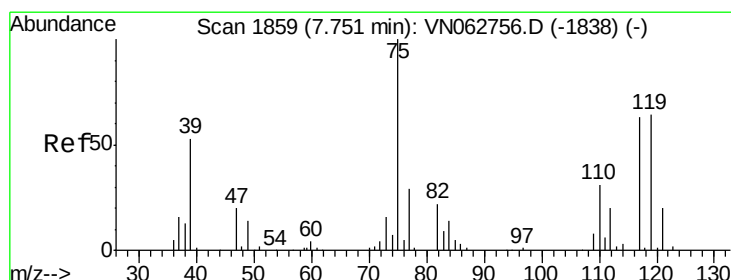
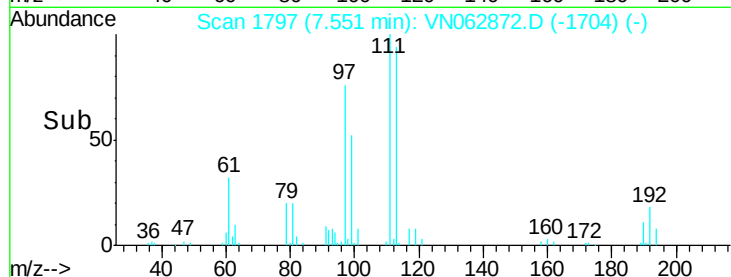
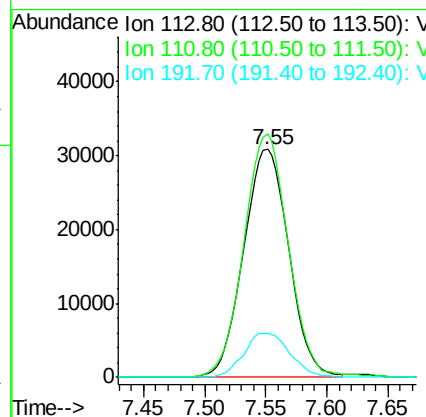
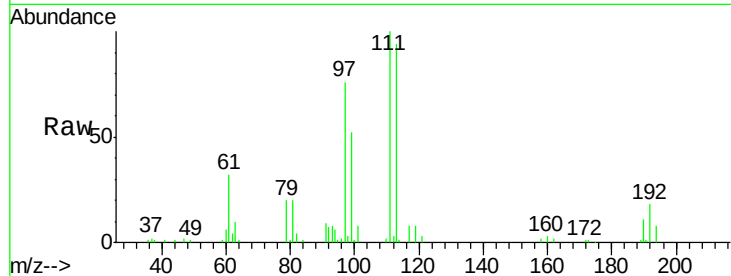
#35
Dibromofluoromethane
Concen: 48.434 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79216		
111	105.3		81.8	122.6
192	19.7		15.0	22.4

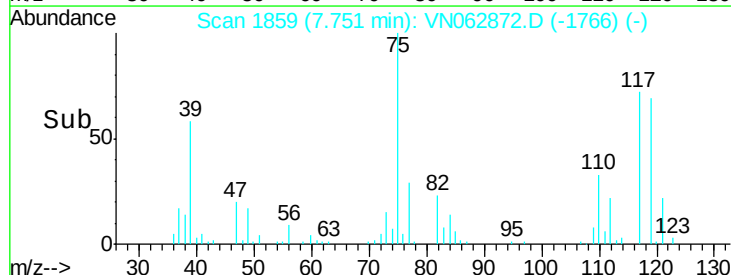
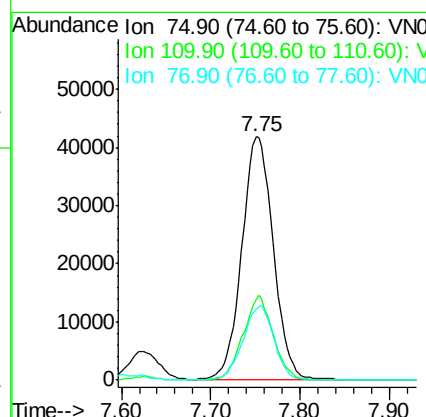
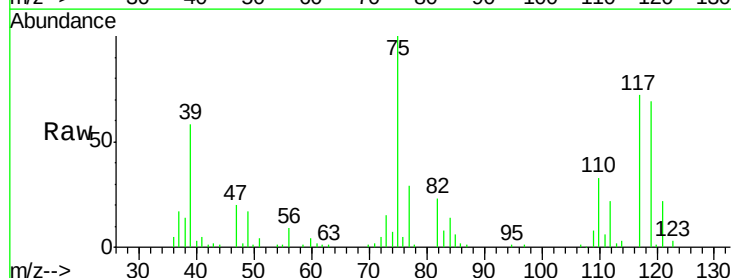
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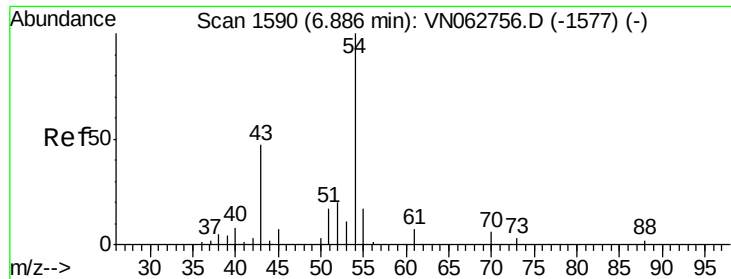
MMDadoda
8/13/2020 10:56:39 AM



#36
1,1-Dichloropropene
Concen: 44.305 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103147		
110	32.7		15.6	46.7
77	30.0		24.1	36.1





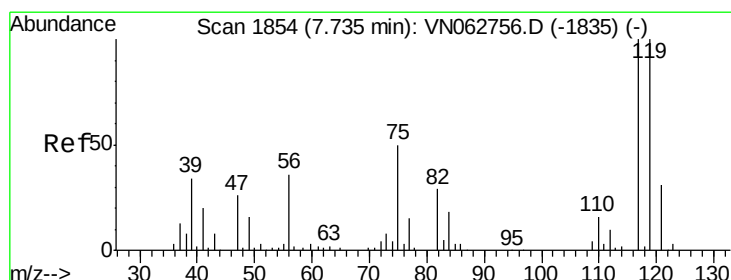
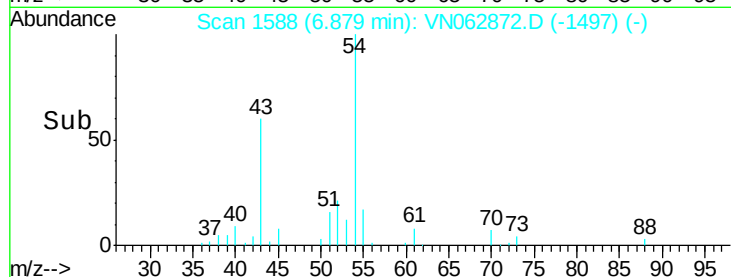
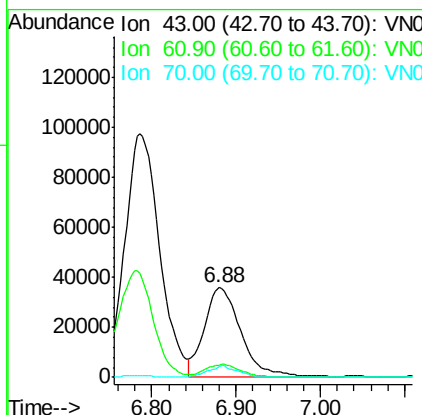
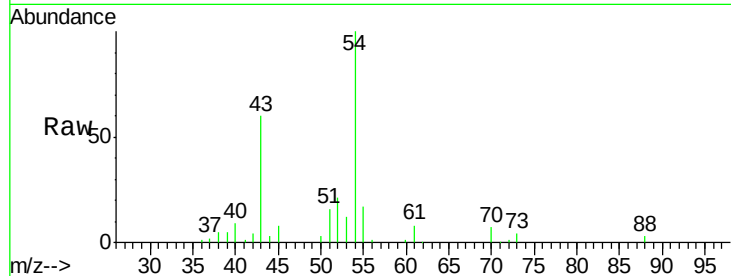
#37
Ethyl Acetate
Concen: 44.064 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70
Ion	100	14.5	10.5
Ratio			
Lower		12.1	8.3
Upper		18.1	12.5

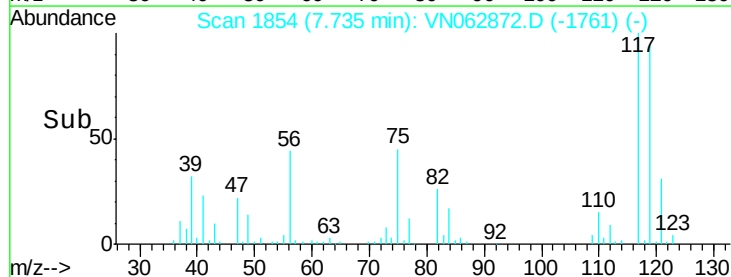
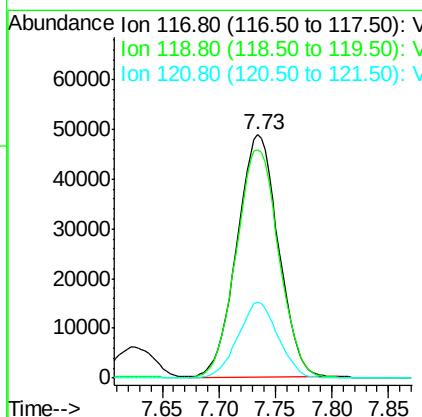
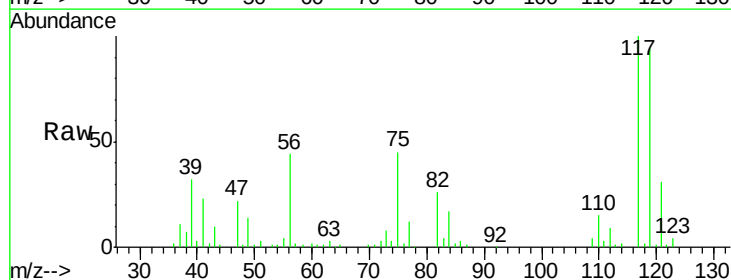
Manual Integrations
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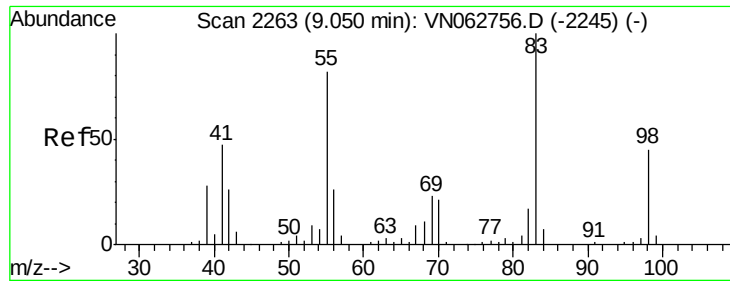
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#38
Carbon Tetrachloride
Concen: 45.203 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	117	119	121
Ion	100	94.4	31.6
Ratio			
Lower		79.4	24.9
Upper		119.2	37.3





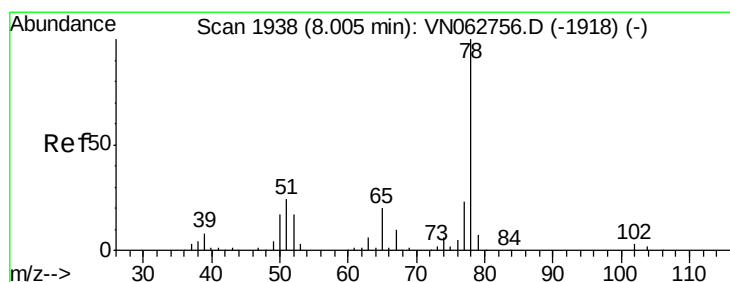
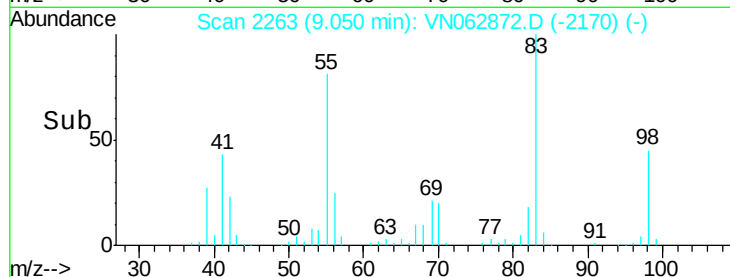
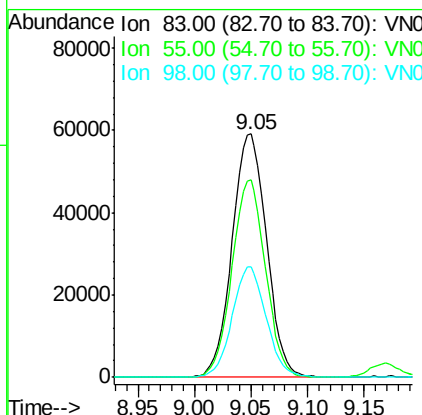
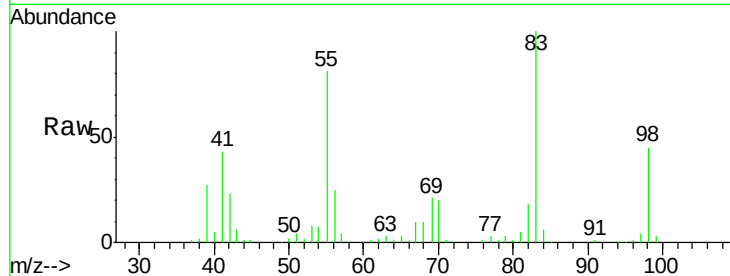
#39
Methylvlcyclohexane
Concen: 44.835 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.3	65.7	98.5	
98	45.4	35.6	53.4	

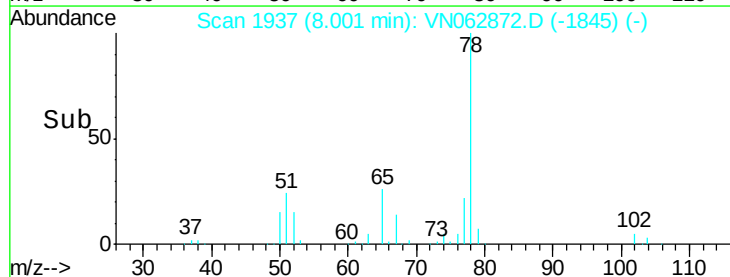
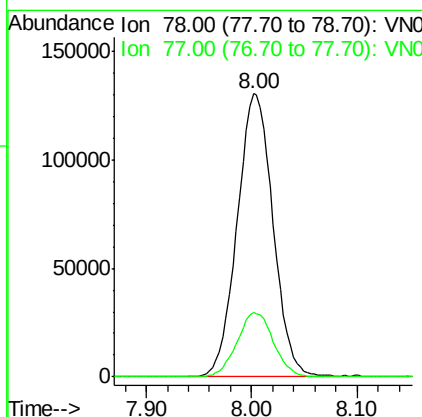
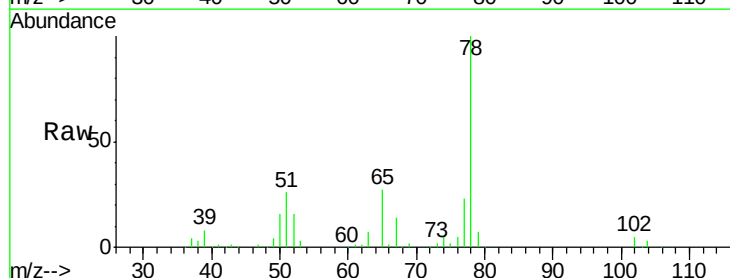
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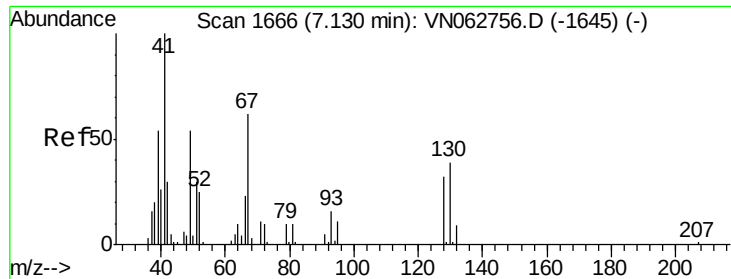
MMDadoda
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#40
Benzene
Concen: 44.384 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.6	18.1	27.1	





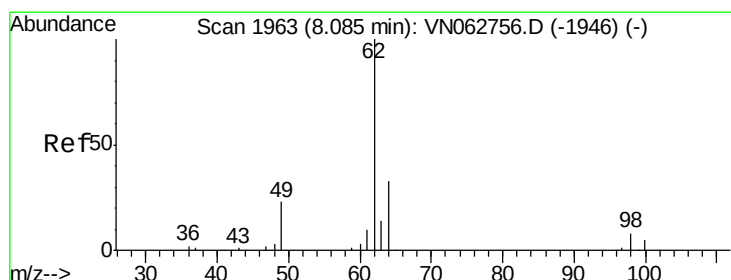
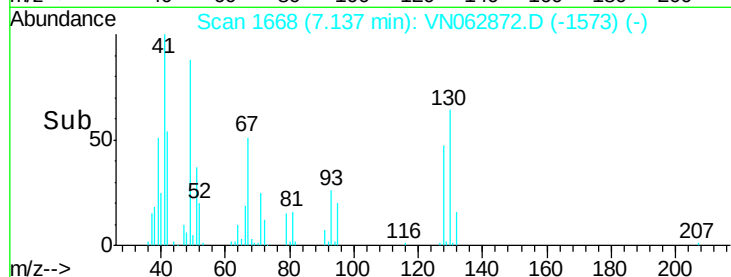
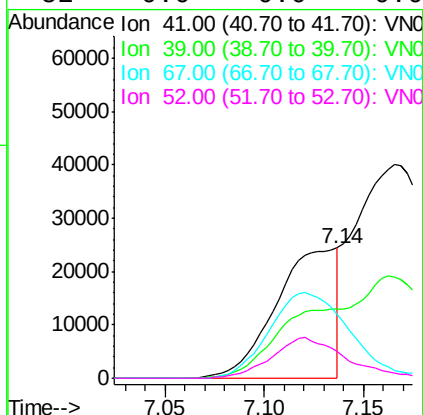
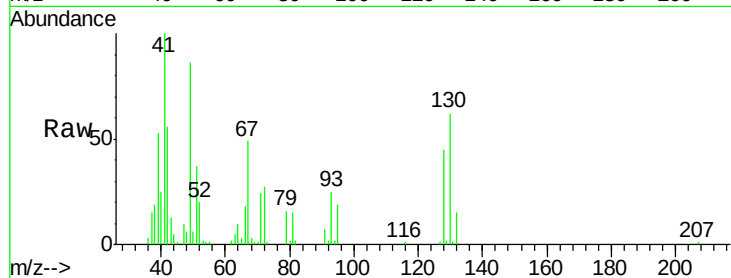
#41
Methacrylonitrile
Concen: 47.314 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	51922
Ion	Ratio	Lower	Upper
41	100		
39	161.6	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

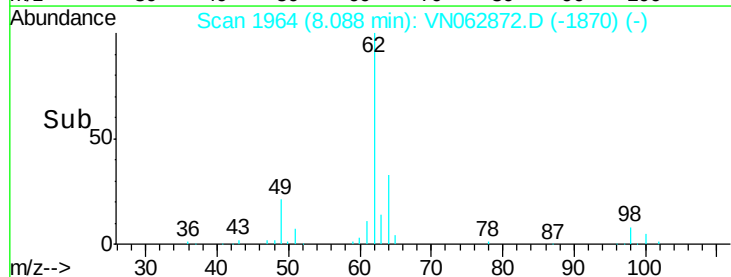
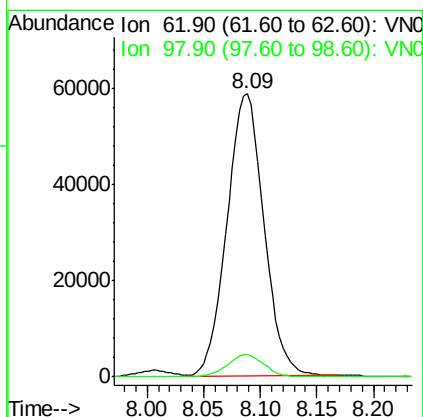
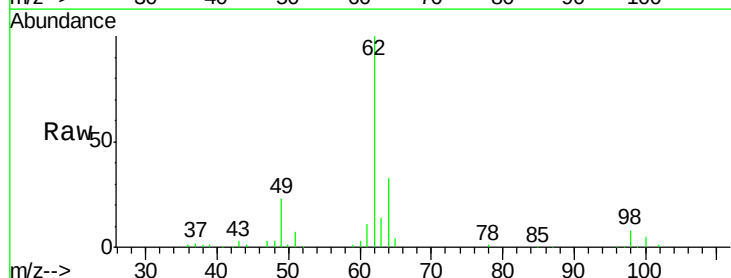
Manual Integrations
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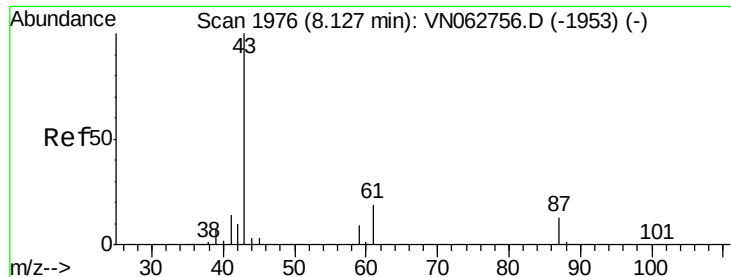
MMDadoda
8/13/2020 10:56:39 AM



#42
1,2-Dichloroethane
Concen: 45.285 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	62	Resp	133899
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 43.494 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

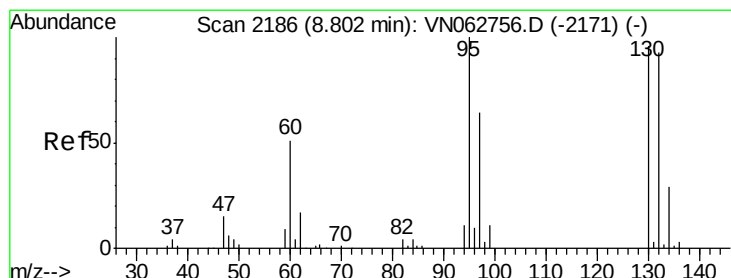
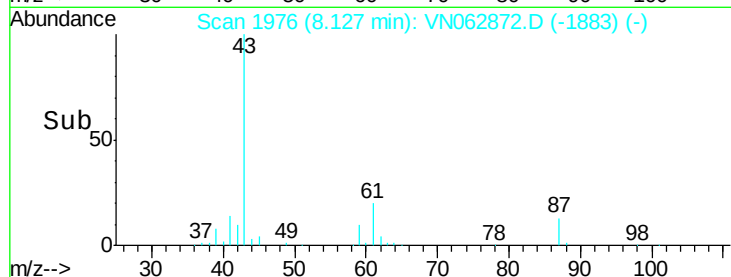
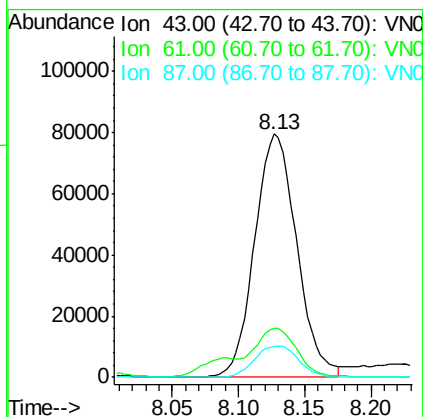
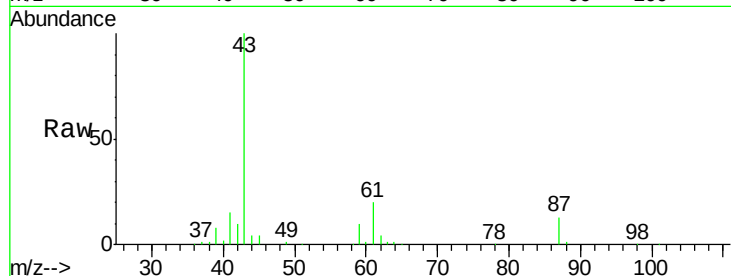
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	176425
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.8	23.6
87	13.5	9.9	14.9

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#44

Trichloroethene

Concen: 45.006 ug/l

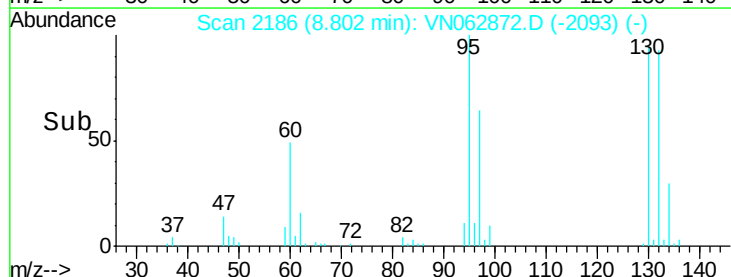
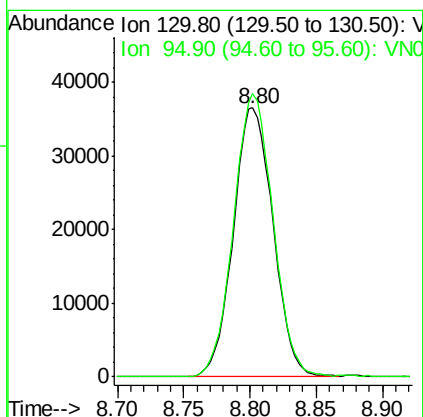
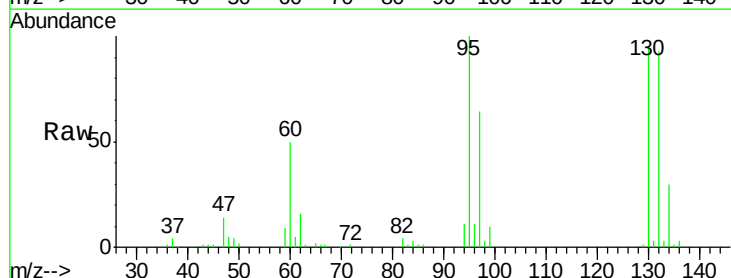
RT: 8.80 min Scan# 2186

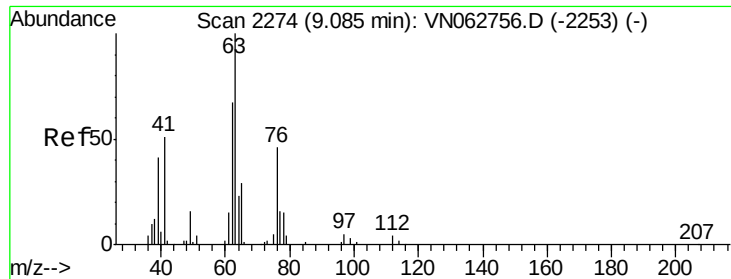
Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion:	130	Resp:	76175
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	207.6





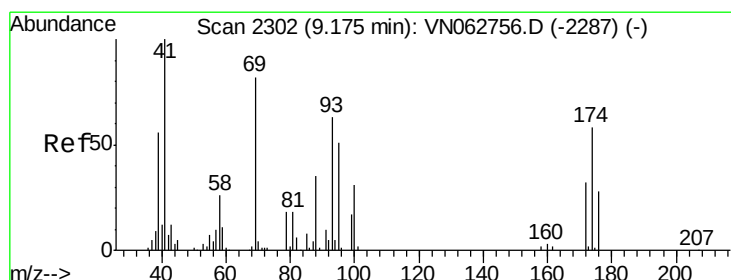
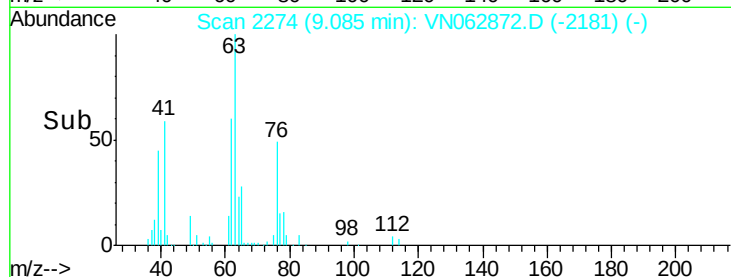
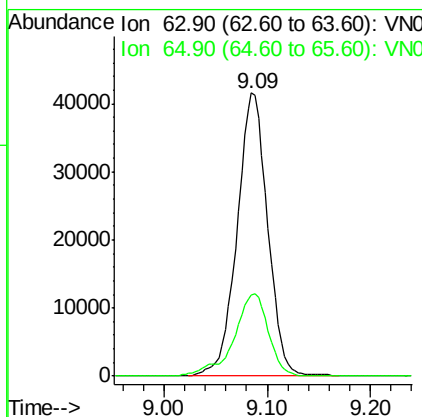
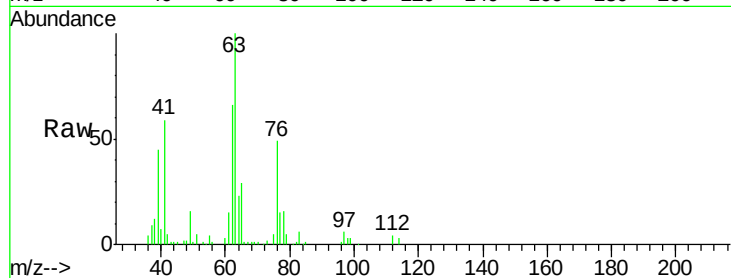
#45
 1,2-Dichloropropane
 Concen: 45.608 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.5	23.5	35.3

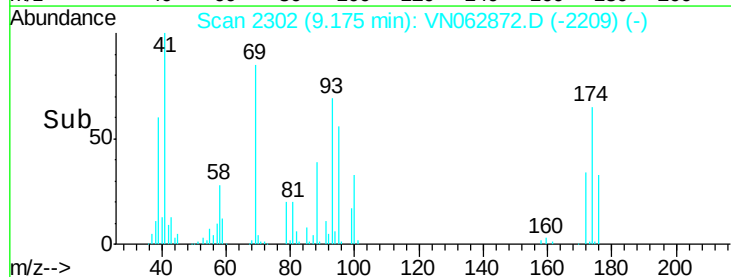
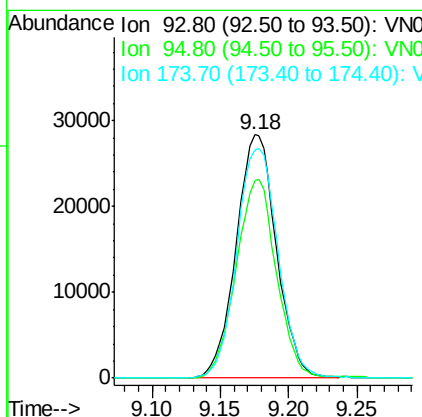
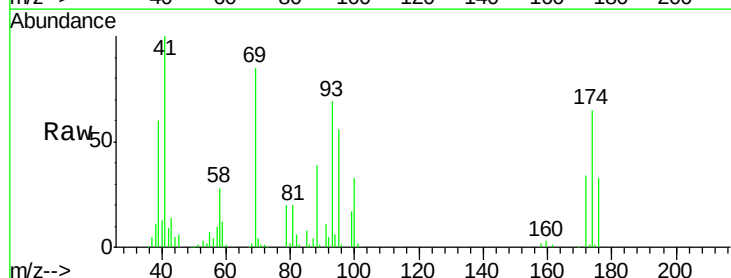
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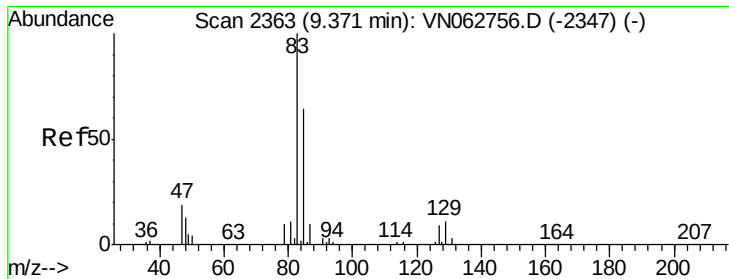
MMDadoda
 8/13/2020 10:56:39 AM



#46
 Dibromomethane
 Concen: 47.228 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.1	97.7
174	96.9	73.9	110.9





#47

Bromodichloromethane

Concen: 47.471 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

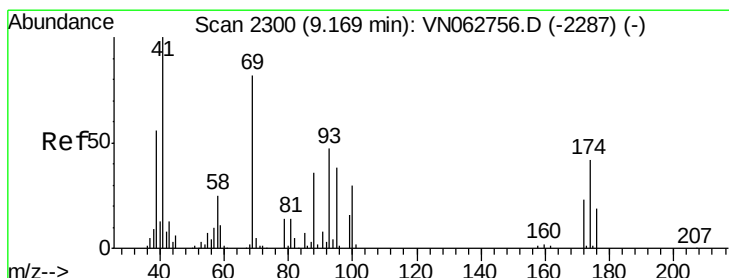
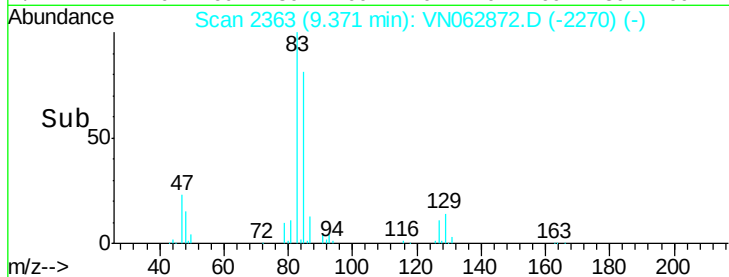
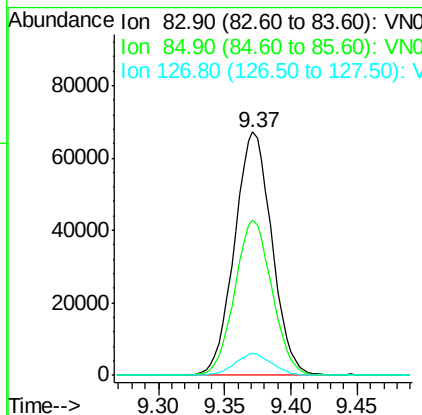
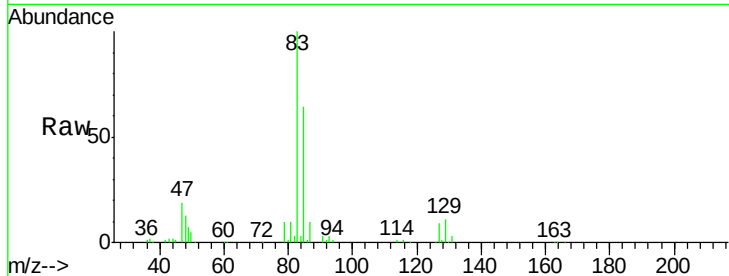
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	131348
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.4	77.0
127	9.0	6.9	10.3

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 44.098 ug/l

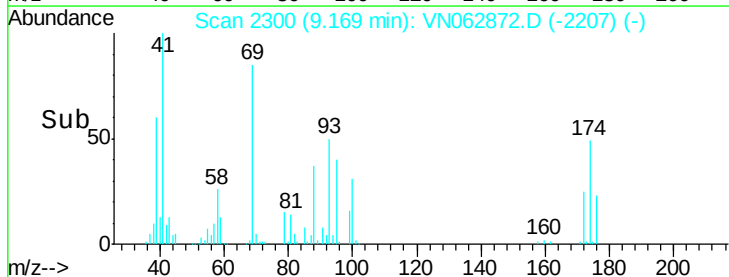
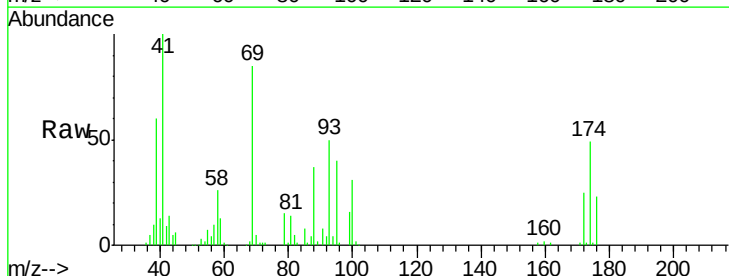
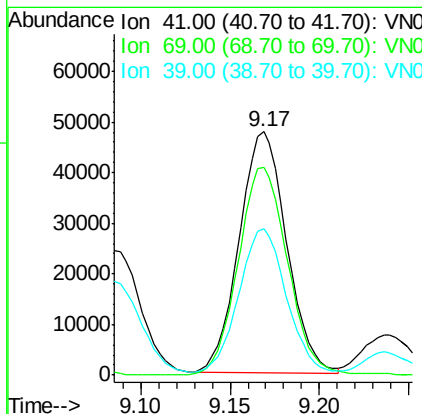
RT: 9.17 min Scan# 2300

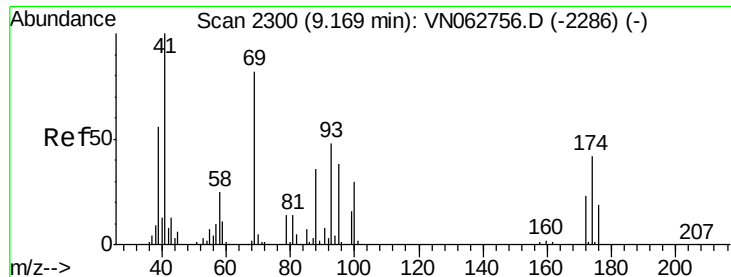
Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion:	41	Resp:	87984
Ion Ratio	Lower	Upper	
41	100		
69	90.5	67.4	101.2
39	61.7	47.6	71.4





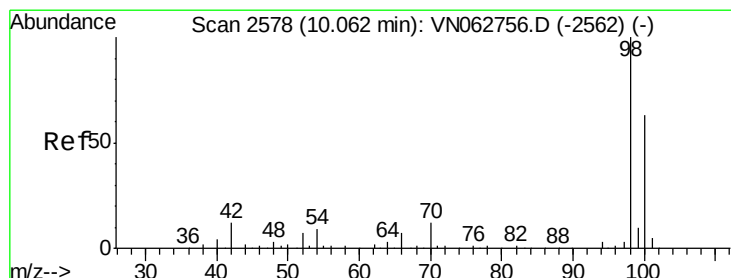
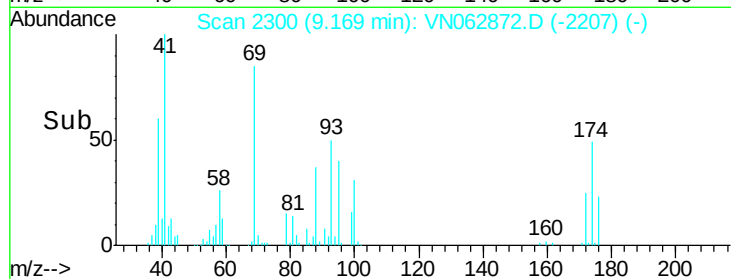
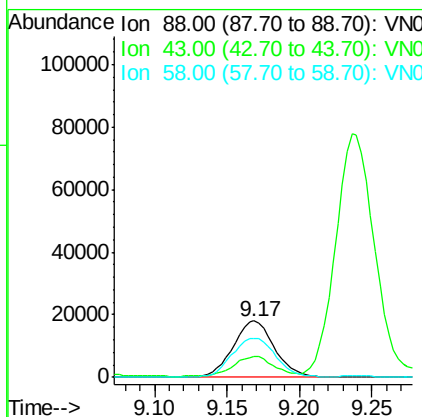
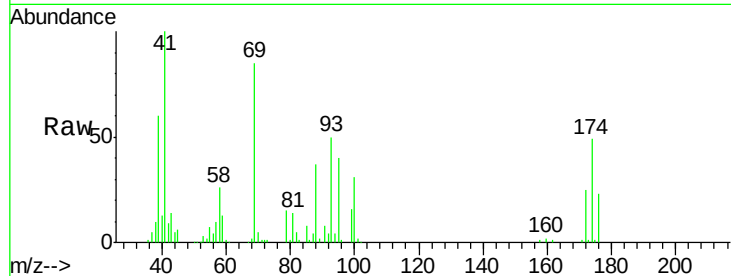
#49
1,4-Dioxane
Concen: 967.988 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.5	44.3
58	73.9	59.8	89.8

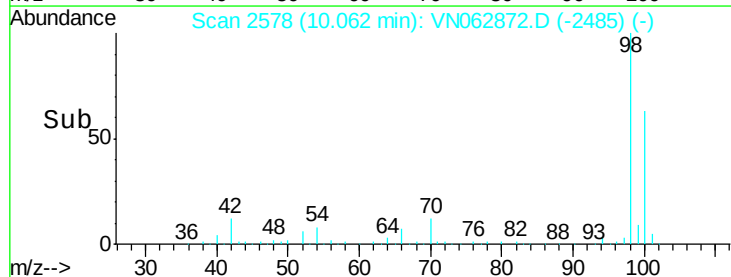
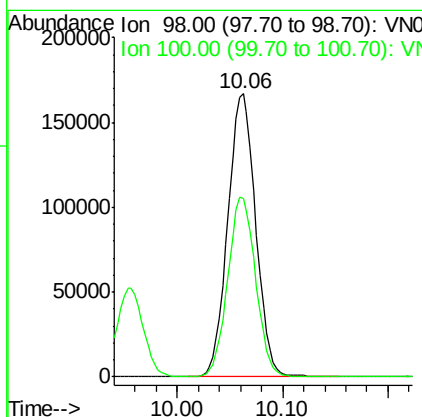
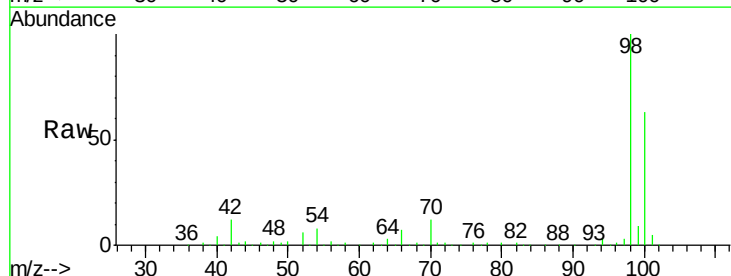
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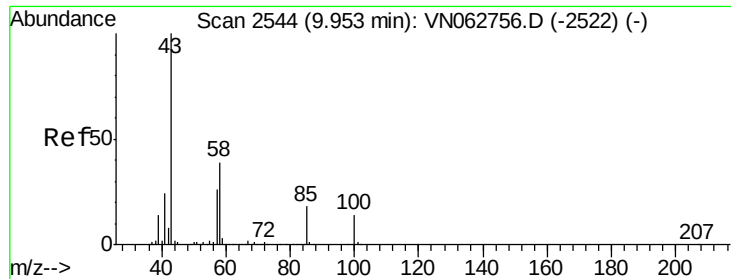
MMDadoda
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#50
Toluene-d8
Concen: 47.861 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 229.711 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 602880

Ion Ratio Lower Upper

43 100

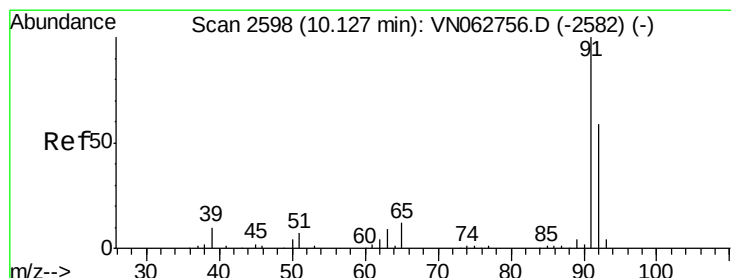
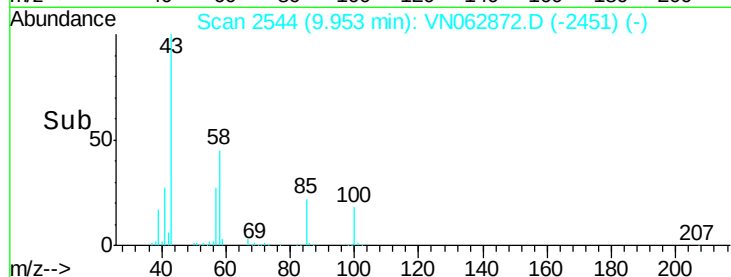
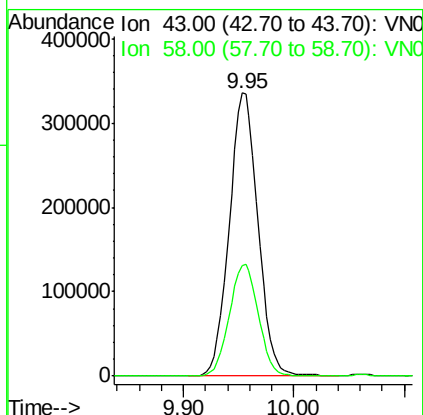
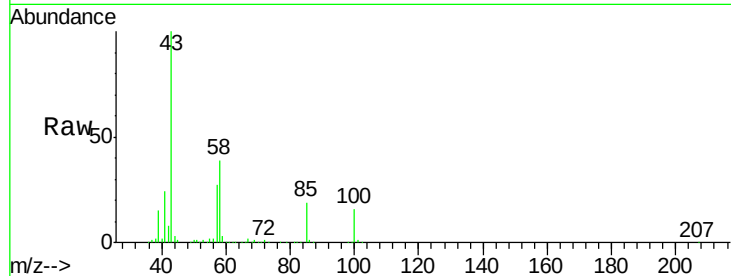
58 39.9 31.1 46.7

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#52

Toluene

Concen: 46.297 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062872.D

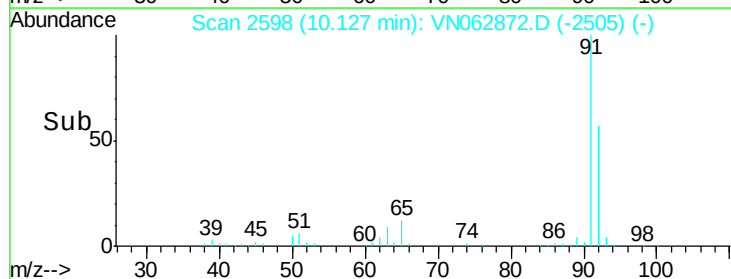
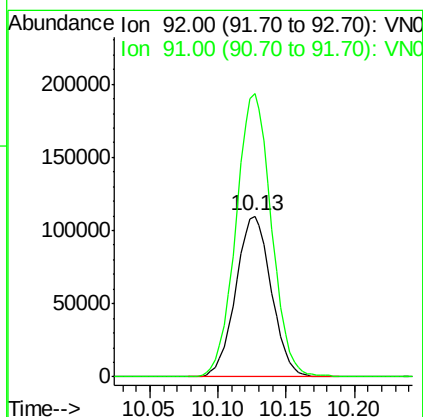
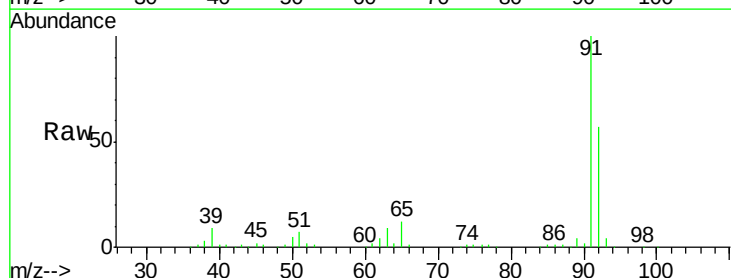
Acq: 12 Aug 2020 21:27

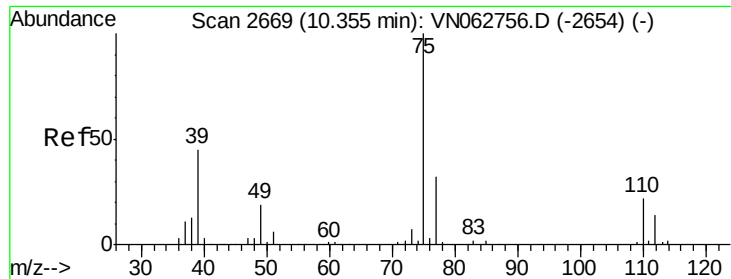
Tgt Ion: 92 Resp: 198583

Ion Ratio Lower Upper

92 100

91 176.2 138.9 208.3





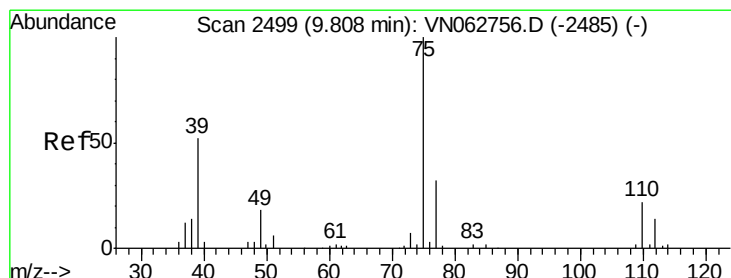
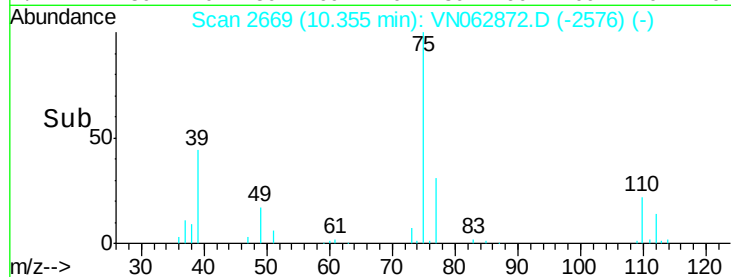
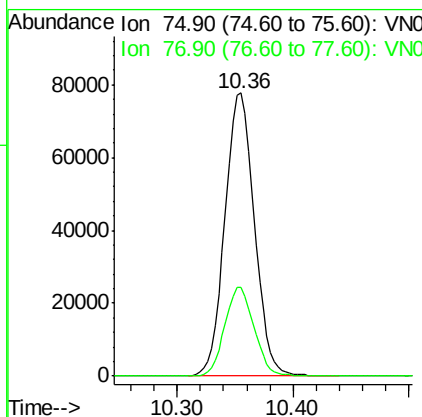
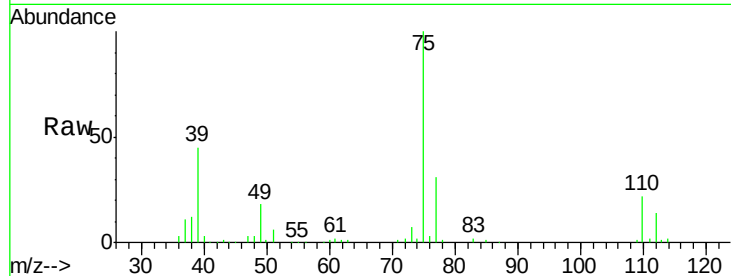
#53
t-1,3-Dichloropropene
Concen: 44.822 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 136416
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

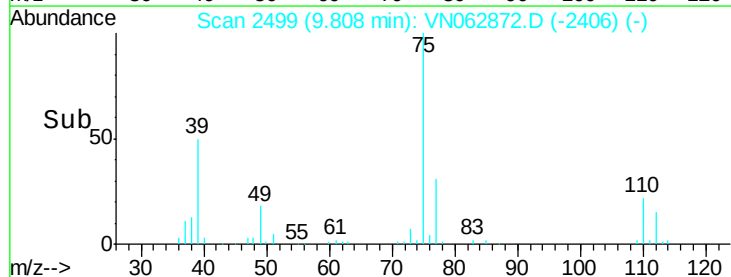
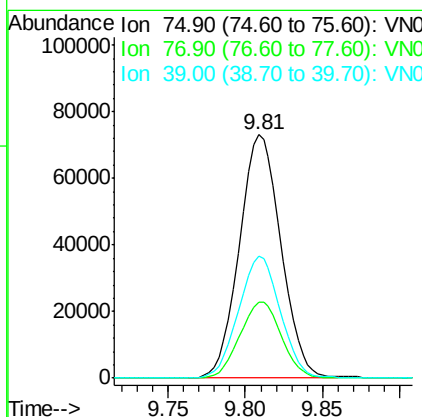
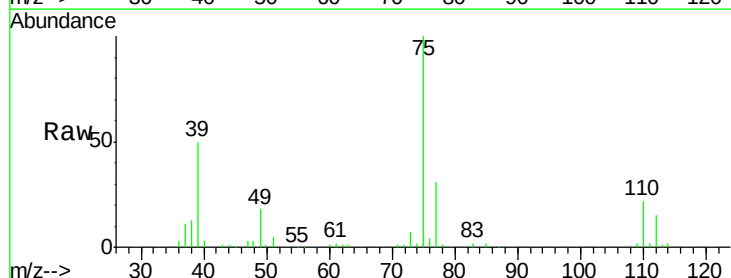
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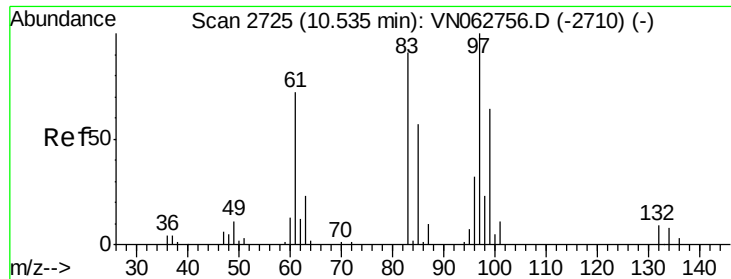
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 44.695 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 75 Resp: 136575
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 50.0 41.9 62.9





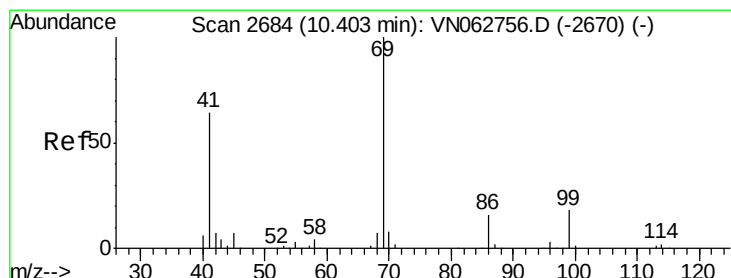
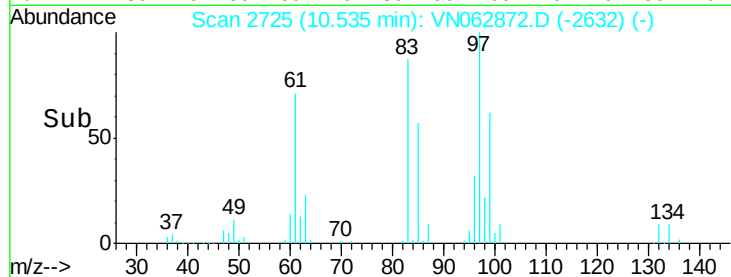
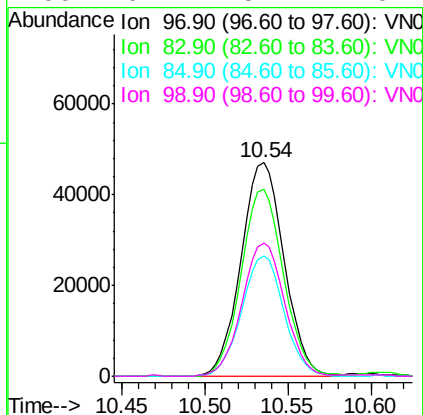
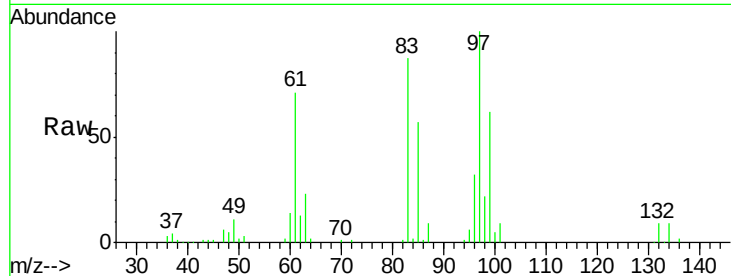
#55
 1,1,2-Trichloroethane
 Concen: 46.405 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		85011		
83	87.4	72.6	108.8		
85	56.5	46.0	69.0		
99	62.4	51.1	76.7		

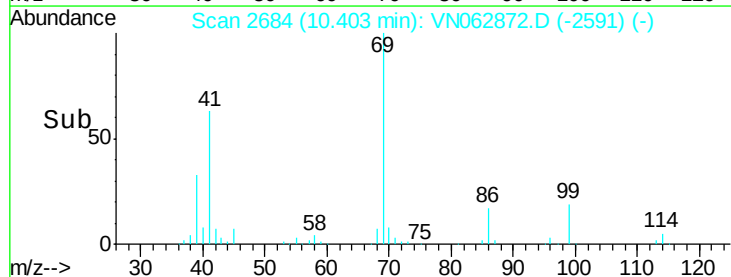
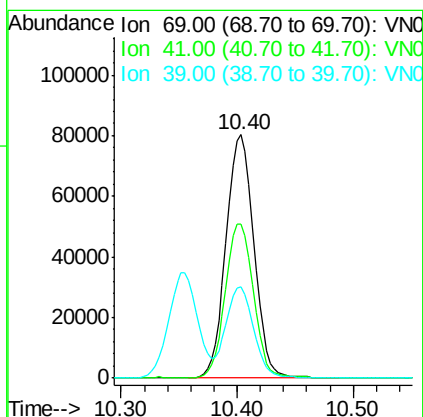
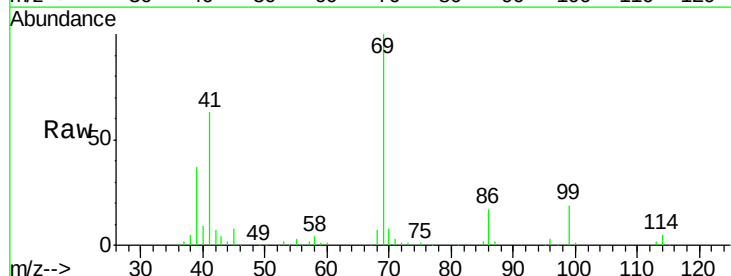
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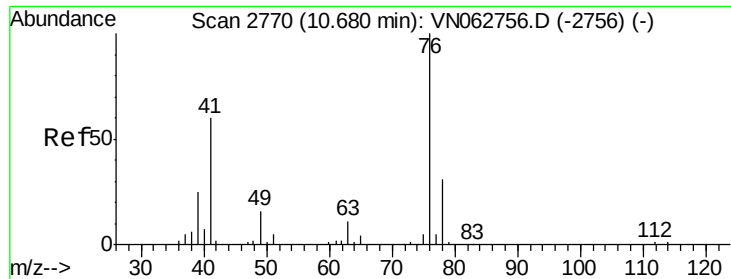
MMDadoda
 8/13/2020 10:56:39 AM



#56
 Ethyl methacrylate
 Concen: 48.510 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		133761		
41	64.4	52.2	78.2		
39	37.2	30.9	46.3		





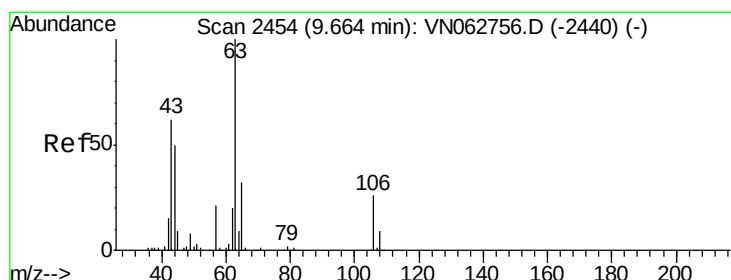
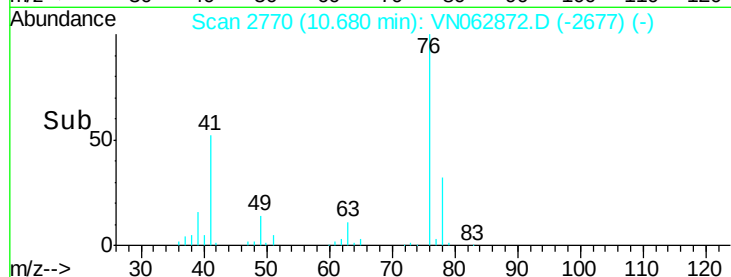
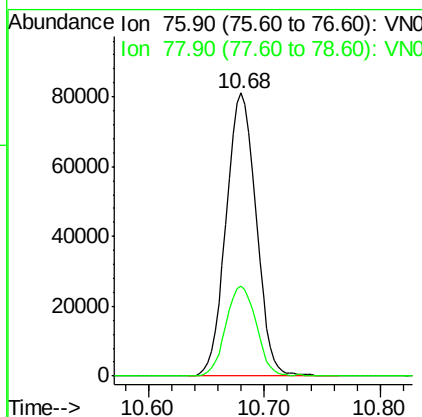
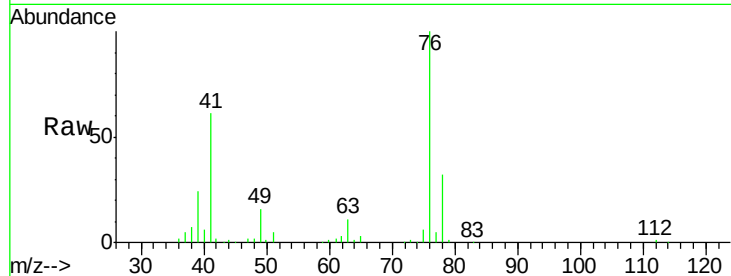
#57
 1,3-Dichloropropane
 Concen: 46.607 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 145072
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0

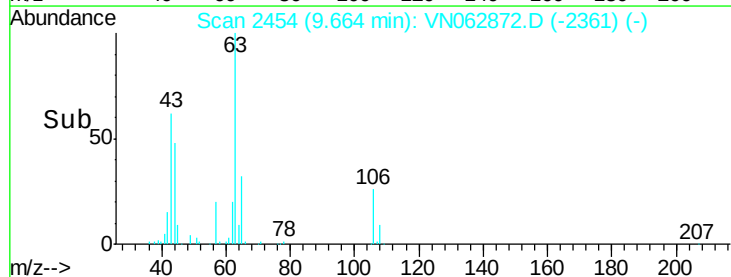
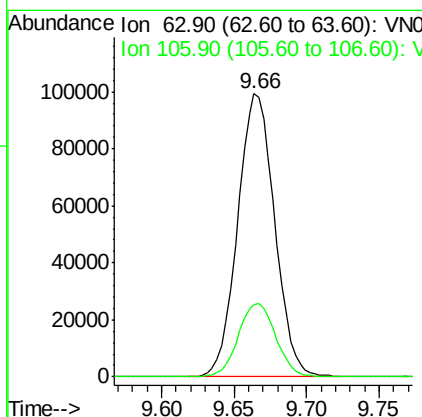
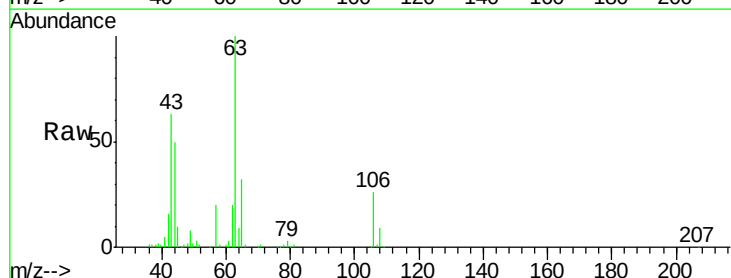
Manual Integrations
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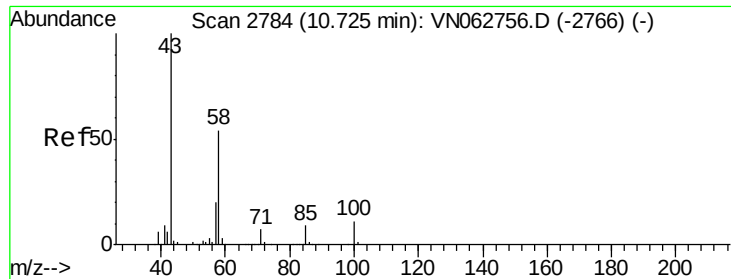
MMDadoda
 8/13/2020 10:56:39 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.884 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 63 Resp: 176058
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.9 31.3





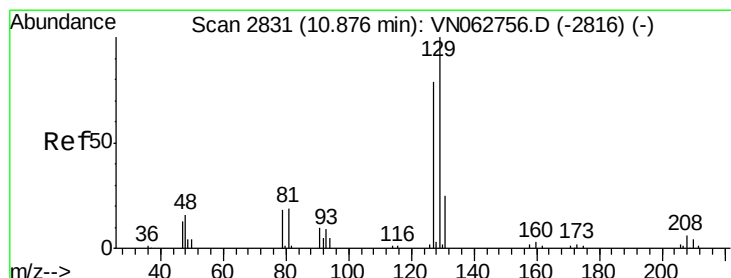
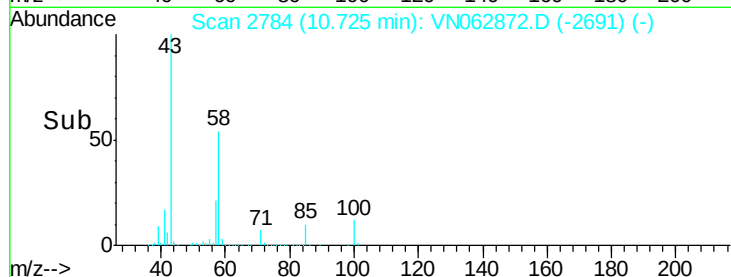
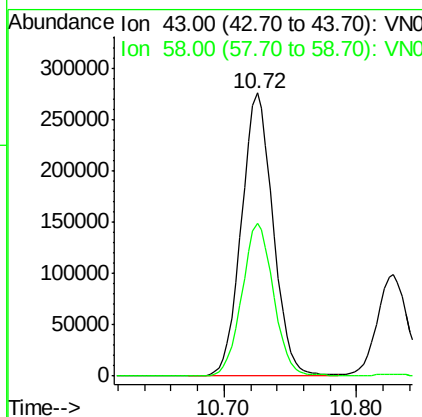
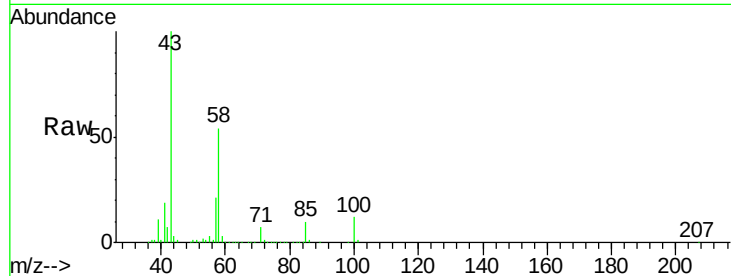
#59
2-Hexanone
Concen: 232.598 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 455366
Ion Ratio Lower Upper
43 100
58 54.2 26.7 80.1

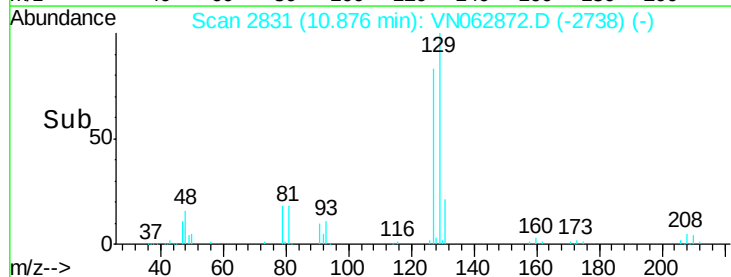
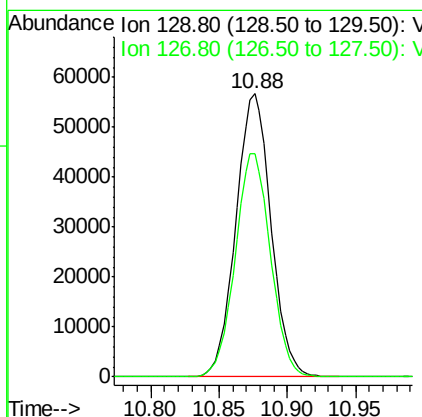
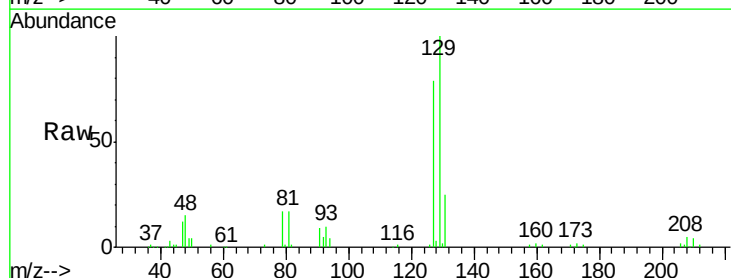
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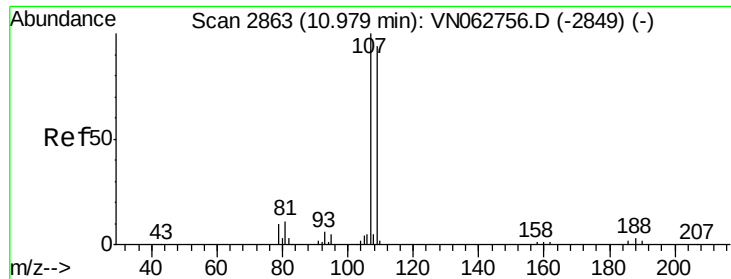
MMDadoda
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#60
Dibromochloromethane
Concen: 48.507 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 129 Resp: 101405
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2





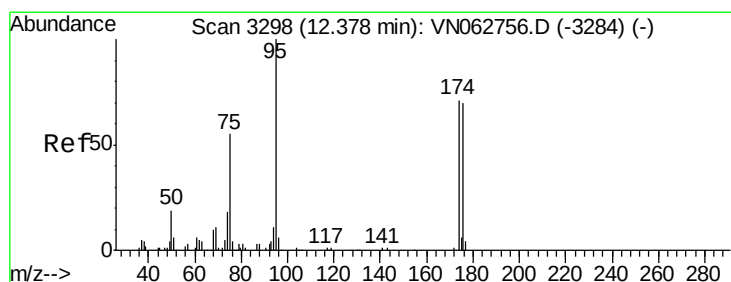
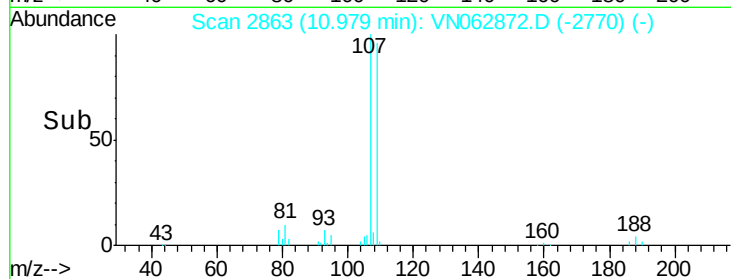
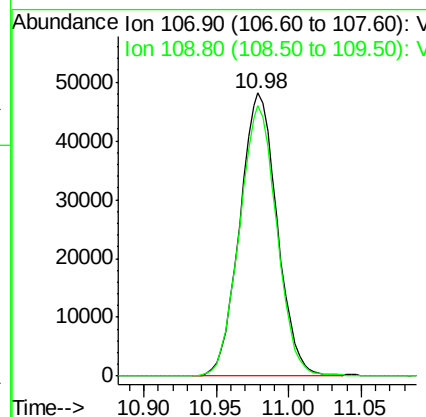
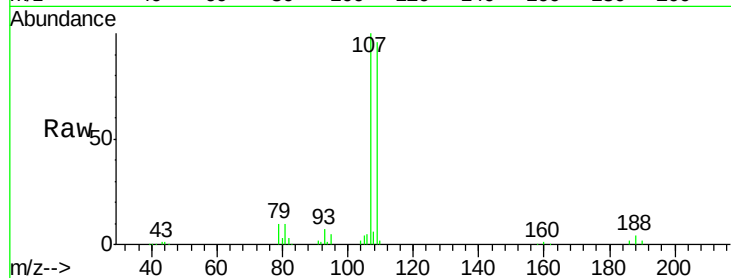
#61
 1,2-Dibromoethane
 Concen: 47.732 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.1	114.1

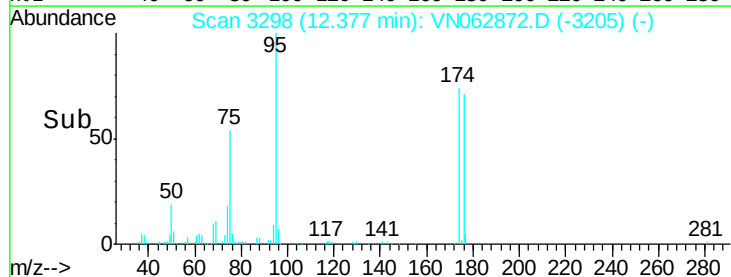
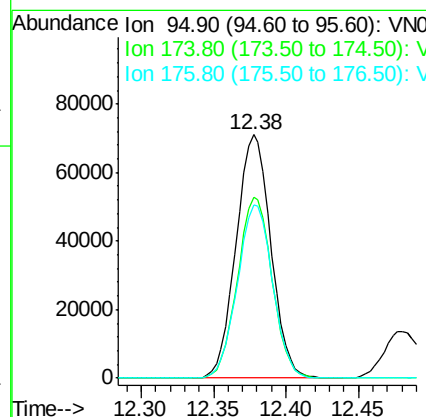
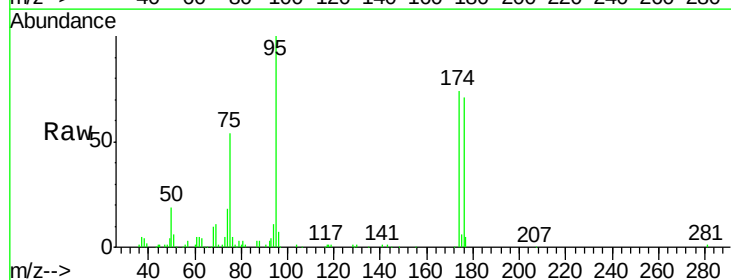
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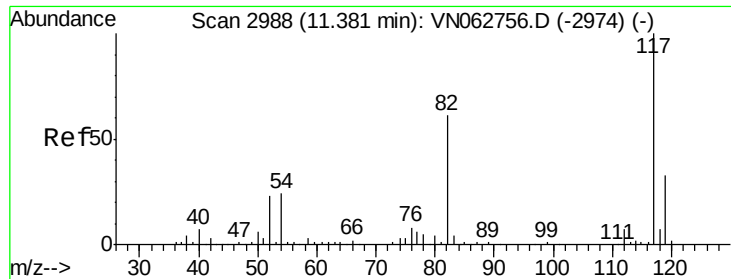
MMDadoda
 8/13/2020 10:56:39 AM



#62
 4-Bromofluorobenzene
 Concen: 49.092 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	144.8
176	71.9	0.0	142.2





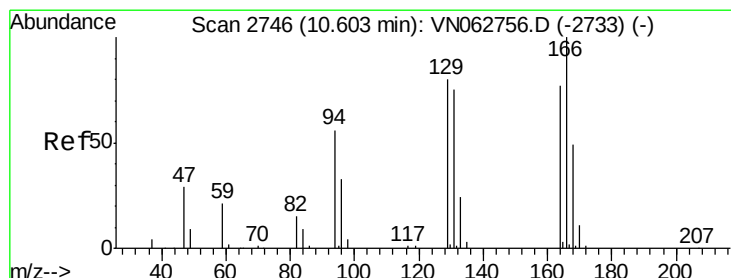
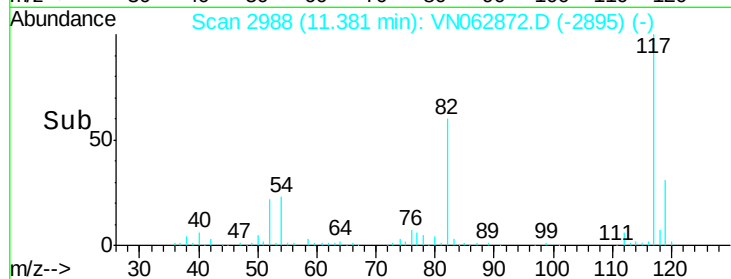
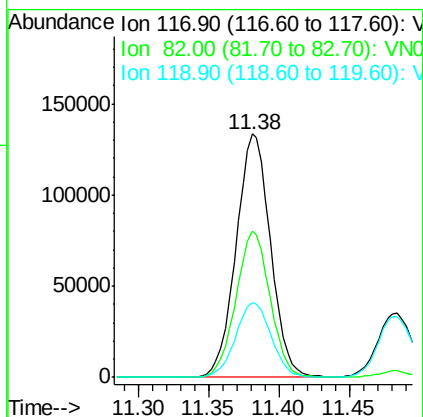
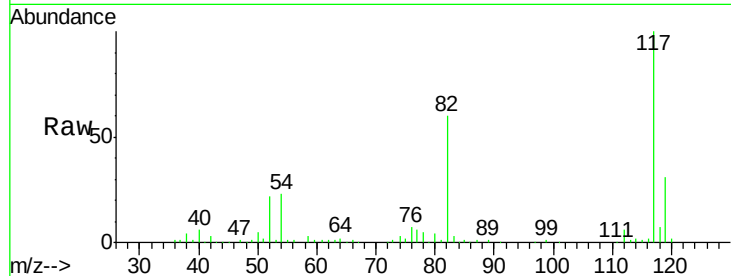
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	49.0	73.4
119	30.8	26.2	39.2

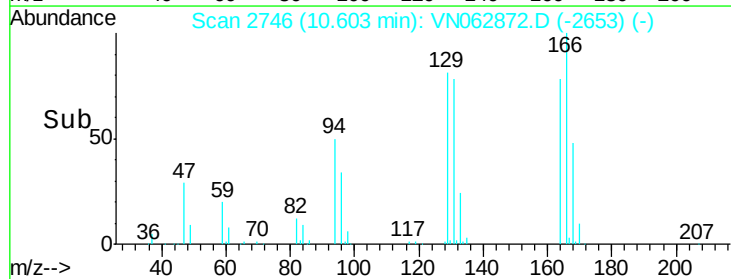
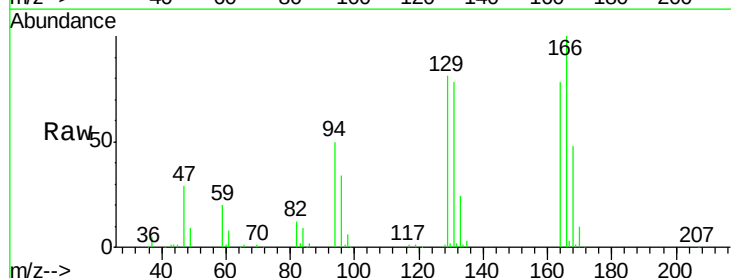
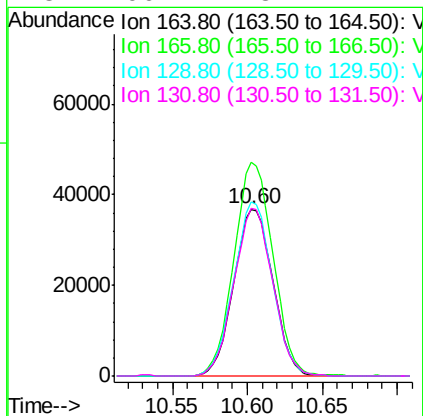
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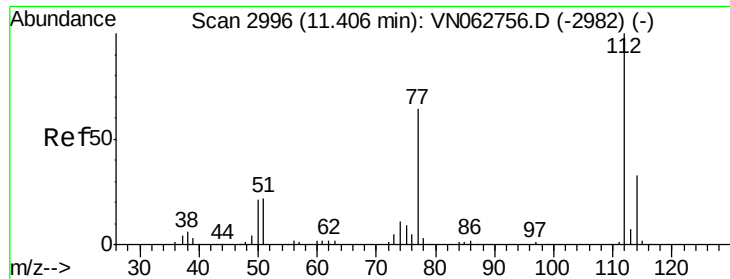
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#64
Tetrachloroethene
Concen: 45.447 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.8	155.8
129	104.2	82.7	124.1
131	100.7	78.2	117.2





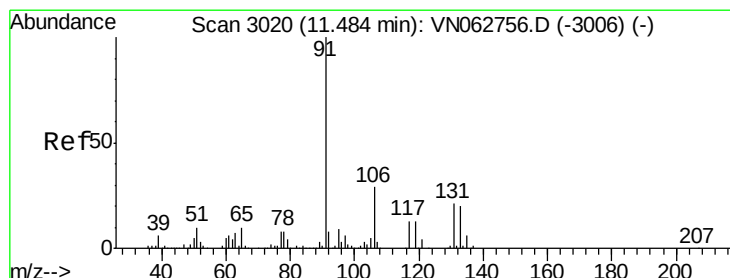
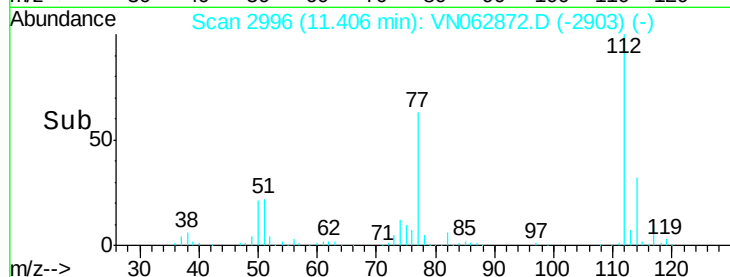
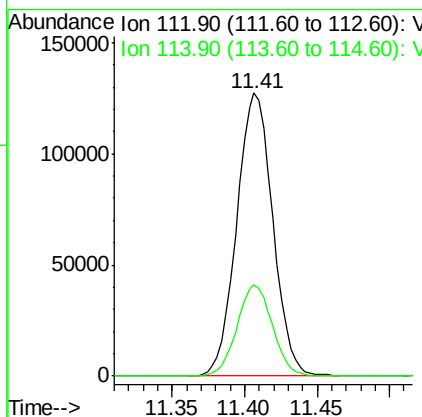
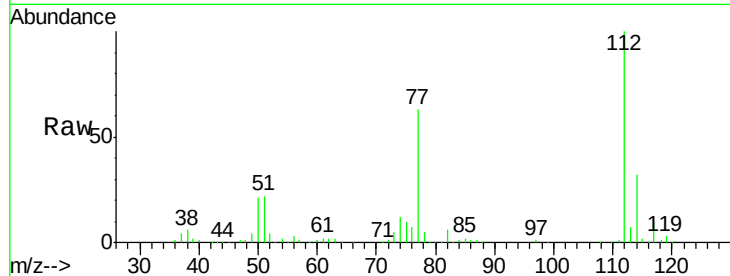
#65
Chlorobenzene
Concen: 46.114 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 220303
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4

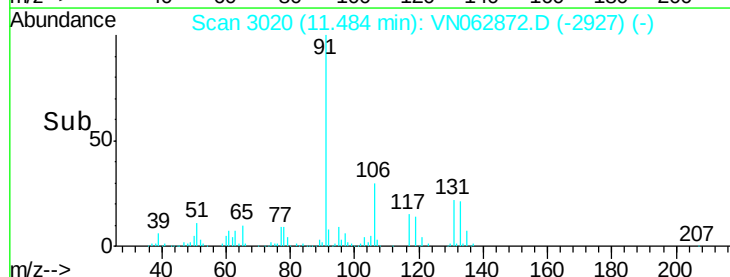
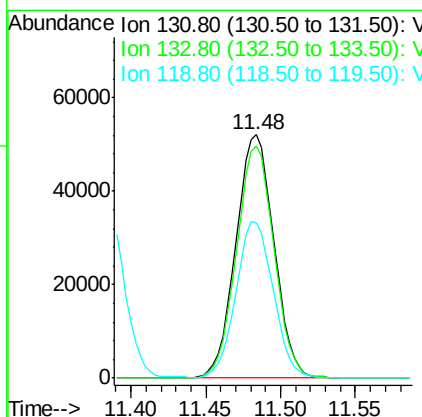
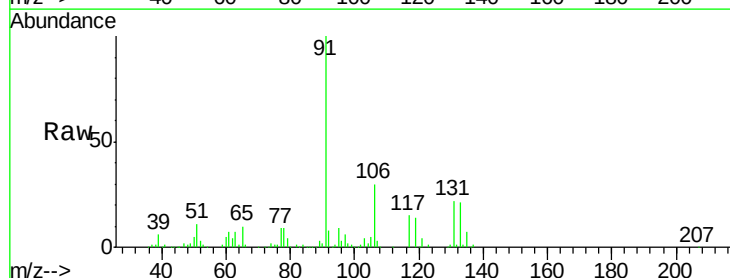
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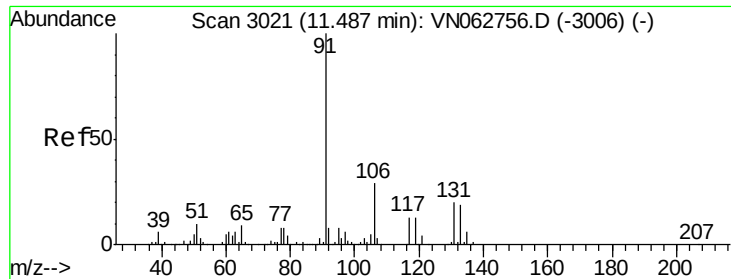
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.192 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:131 Resp: 92455
Ion Ratio Lower Upper
131 100
133 94.2 48.6 145.8
119 63.2 32.2 96.6





#67

Ethyl Benzene

Concen: 47.215 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 403640

Ion Ratio Lower Upper

91 100

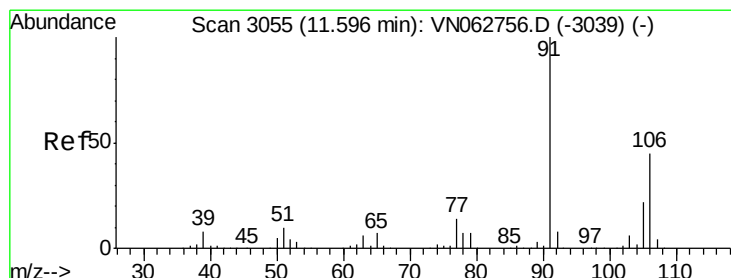
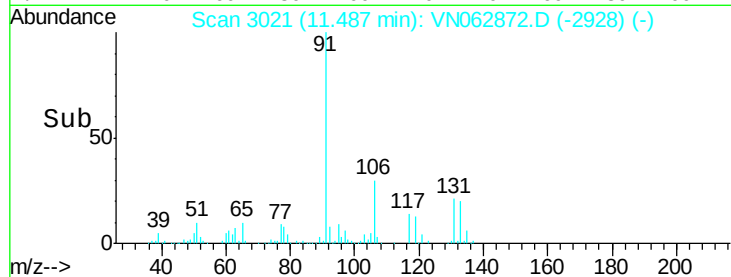
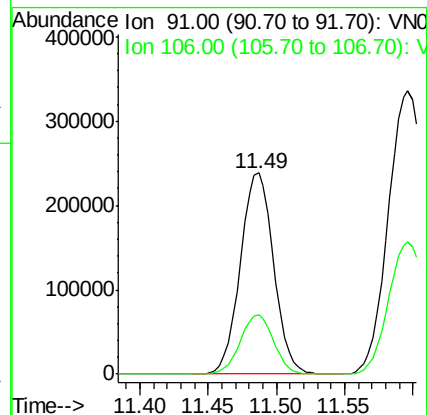
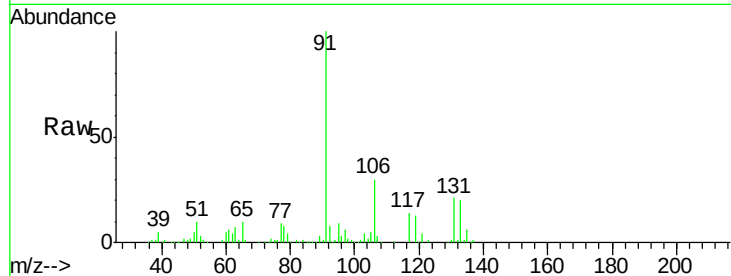
106 29.7 23.2 34.8

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#68

m/p-Xylenes

Concen: 97.324 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062872.D

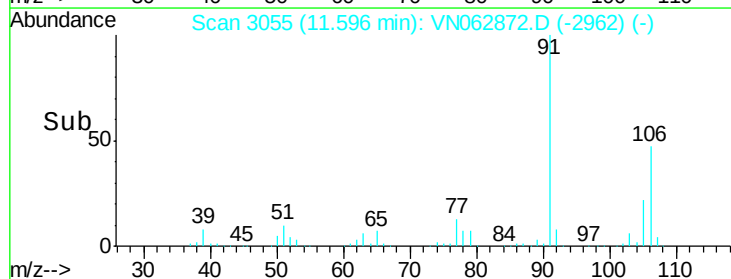
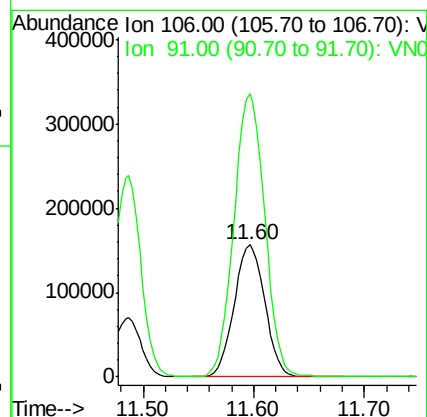
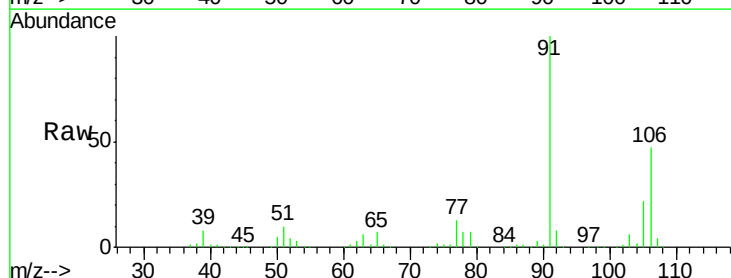
Acq: 12 Aug 2020 21:27

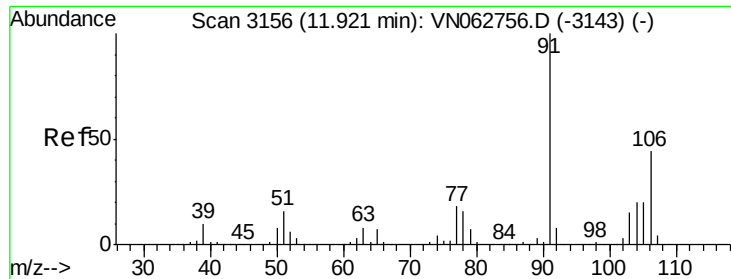
Tgt Ion: 106 Resp: 302025

Ion Ratio Lower Upper

106 100

91 214.9 175.9 263.9





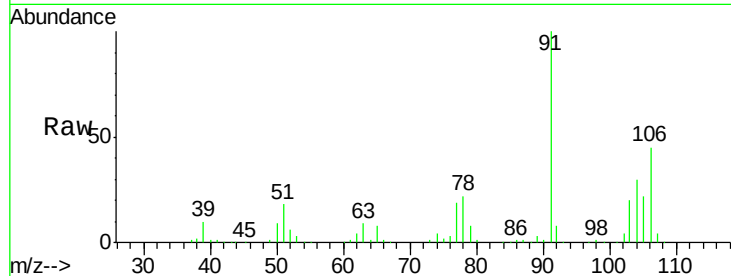
#69
o-Xylene
Concen: 50.160 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

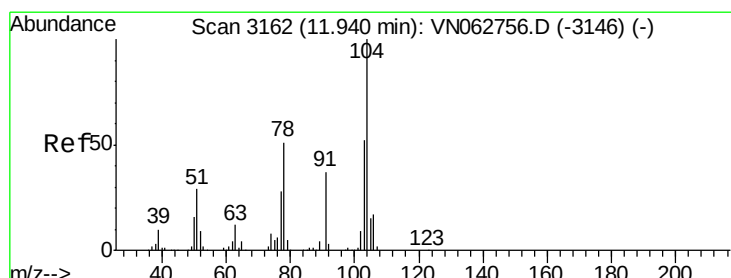
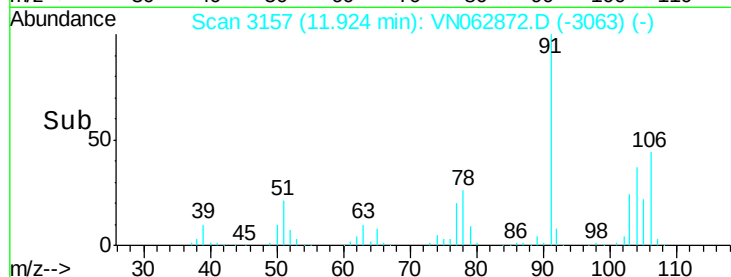
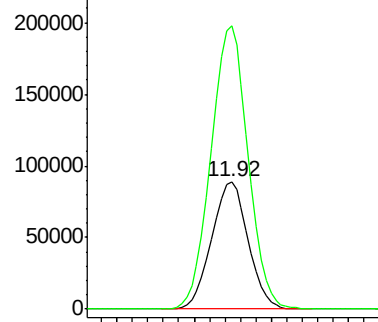
Tot Ion:106 Resp: 145875
Ion Ratio Lower Upper
106 100
91 225.1 115.8 347.4

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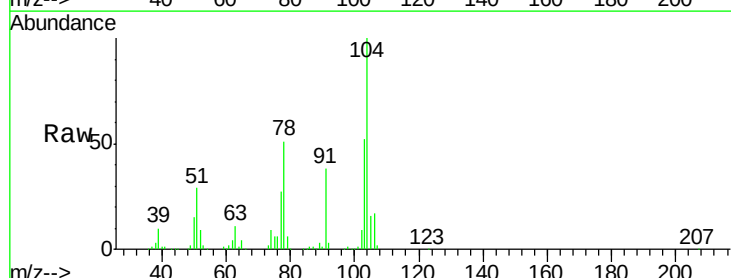


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

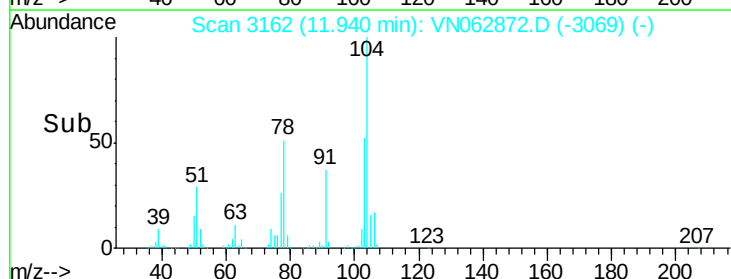
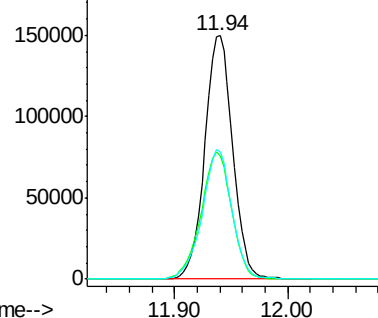


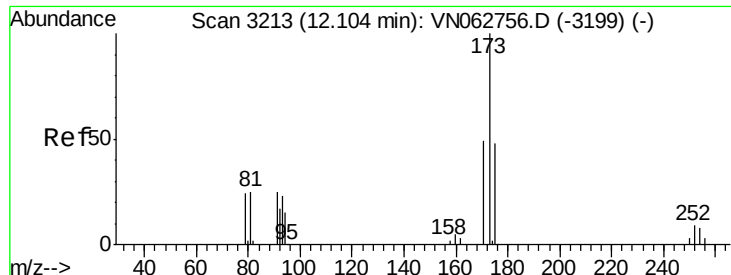
#70
Styrene
Concen: 50.426 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:104 Resp: 257775
Ion Ratio Lower Upper
104 100
78 57.1 45.9 68.9
103 56.4 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





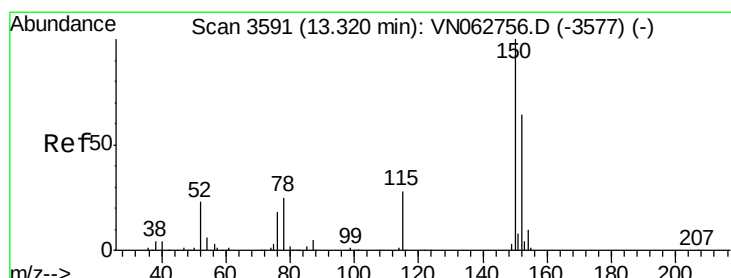
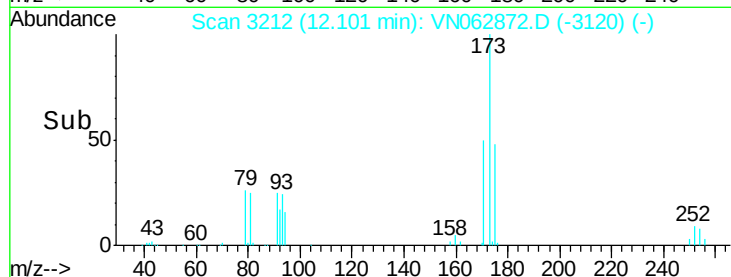
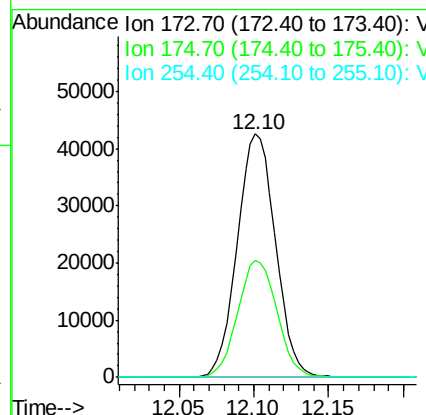
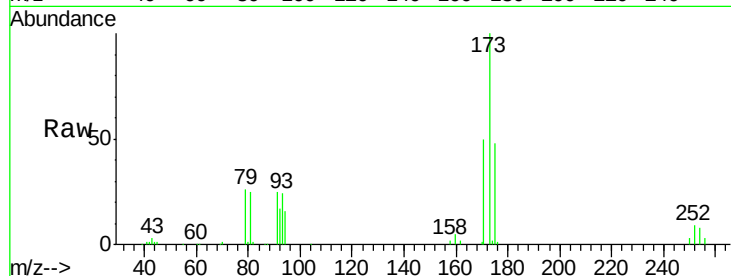
#71
Bromoform
Concen: 48.280 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.0	72.0
254	0.0	0.0	0.0

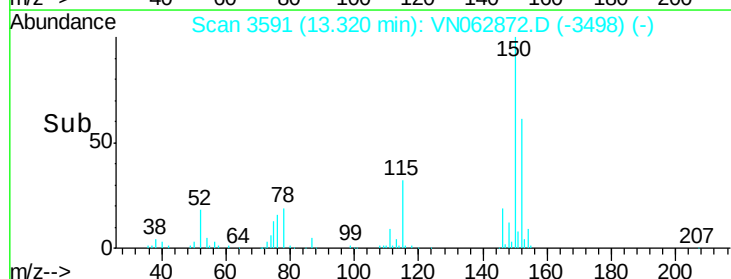
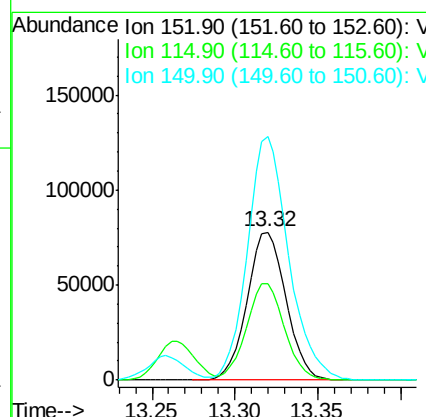
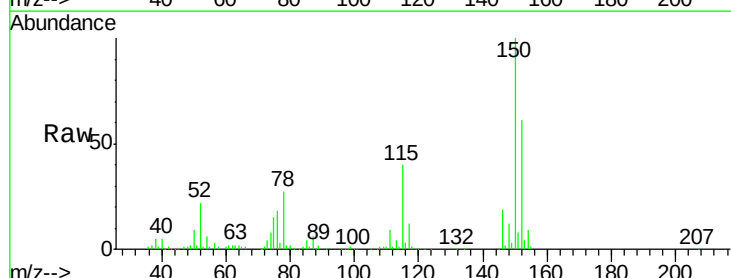
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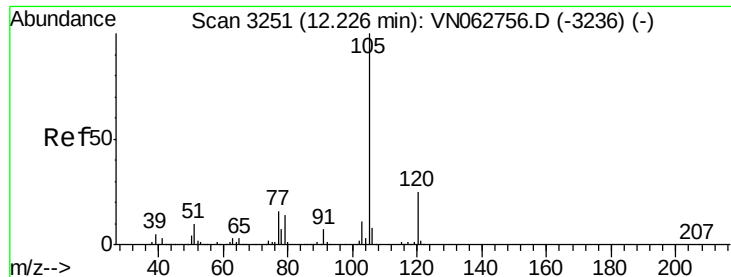
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.6	94.8
150	173.4	0.0	349.2





#73

Isopropylbenzene

Concen: 42.831 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 409020

Ion Ratio Lower Upper

105 100

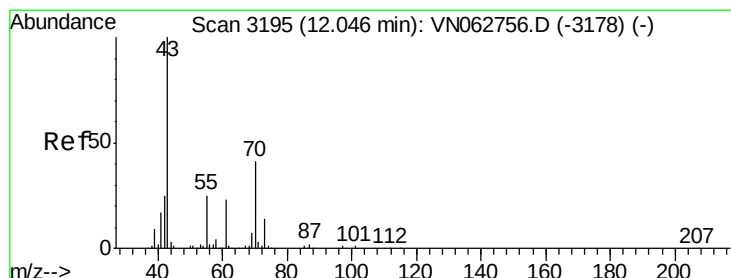
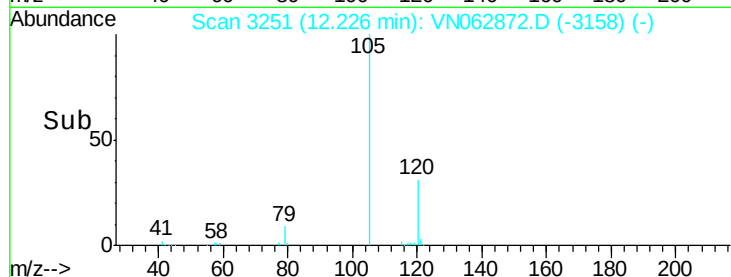
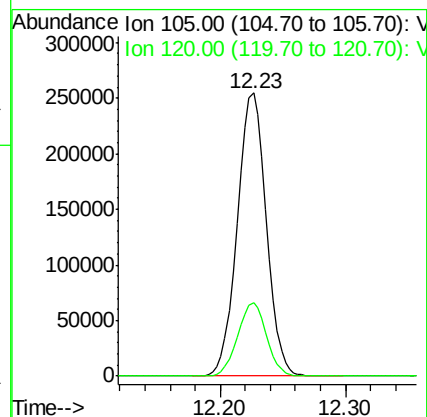
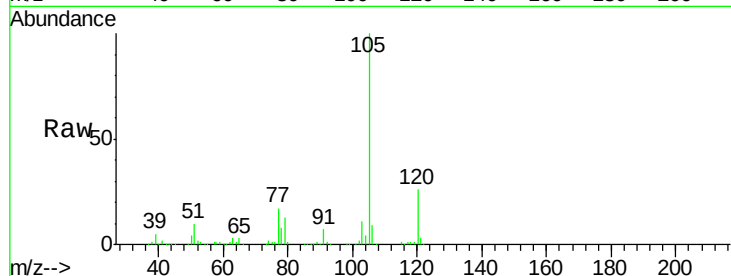
120 25.7 12.6 37.8

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#74

N-ethyl acetate

Concen: 42.164 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion: 43 Resp: 163171

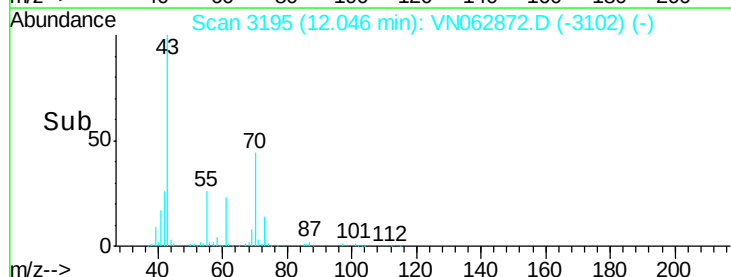
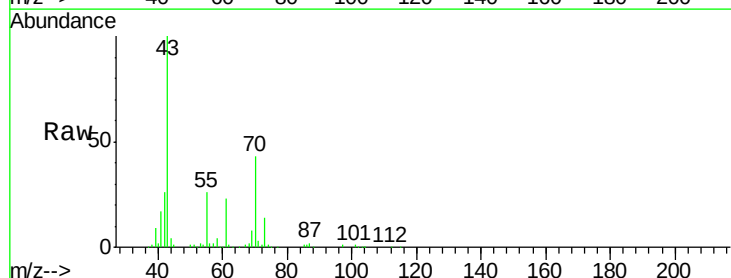
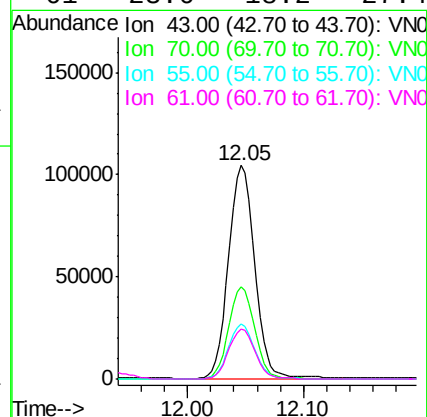
Ion Ratio Lower Upper

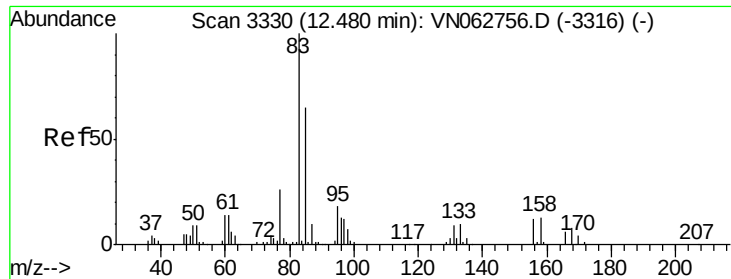
43 100

70 42.8 32.3 48.5

55 25.8 20.2 30.2

61 23.6 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 38.818 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

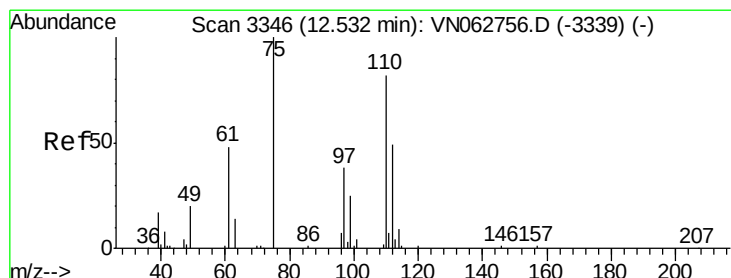
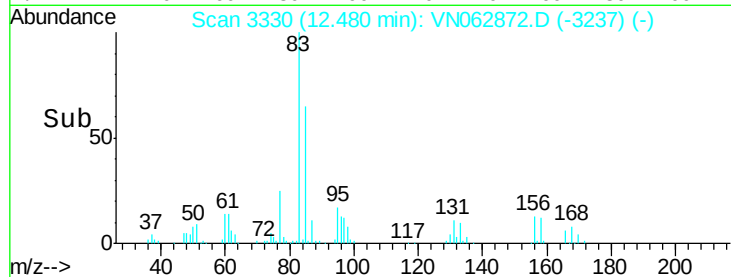
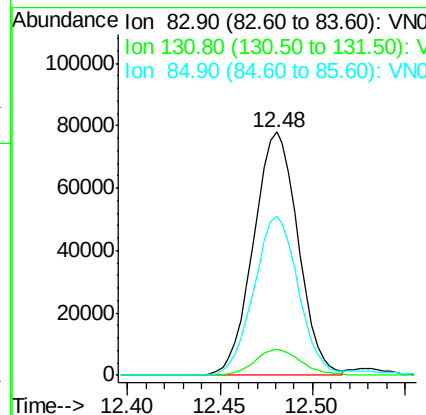
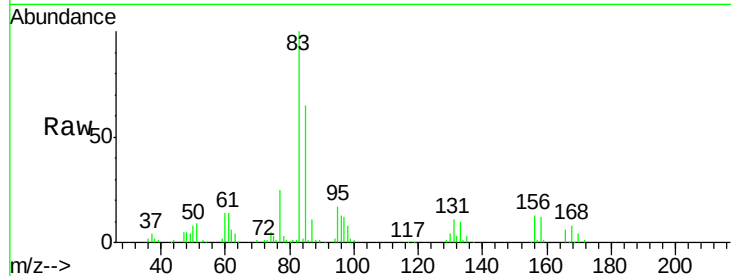
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	130494
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	65.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 39.990 ug/l m

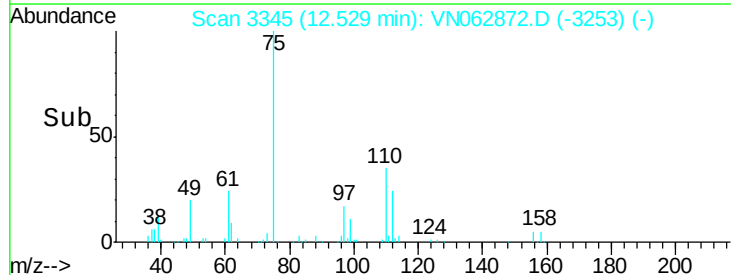
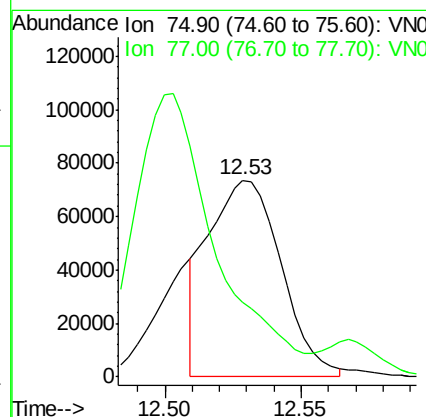
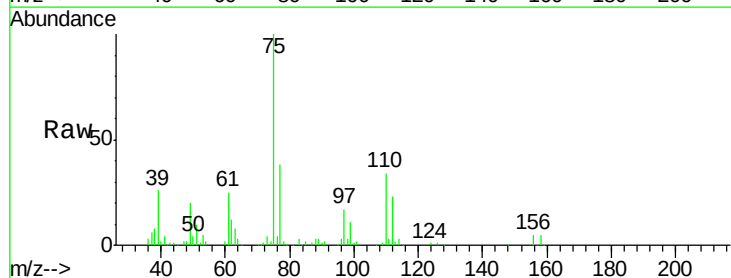
RT: 12.53 min Scan# 3345

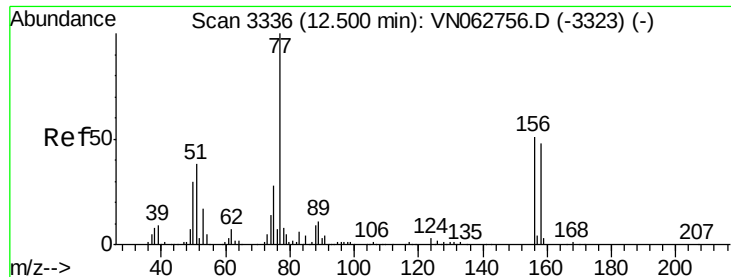
Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion:	75	Resp:	136774
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 41.948 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

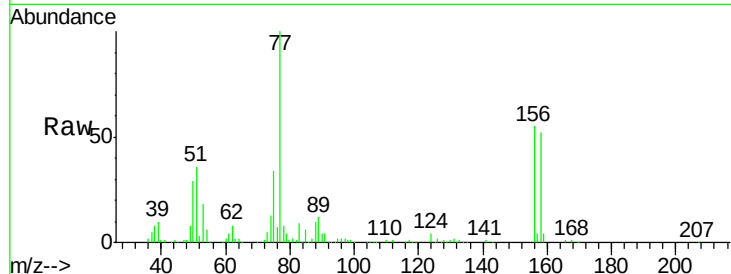
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	99532
Ion Ratio	Lower	Upper	
156	100		
77	225.5	119.7	359.1
158	96.5	48.1	144.3

Manual Integrations
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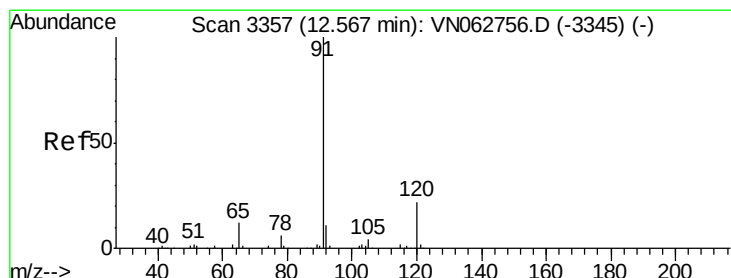
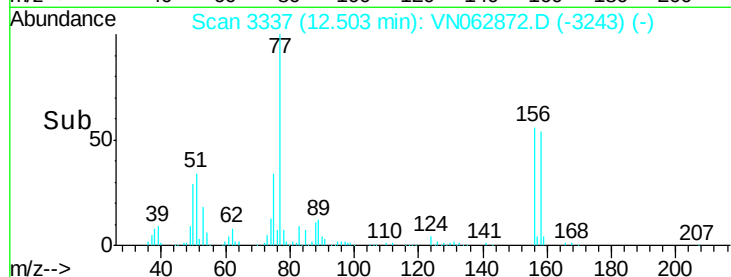
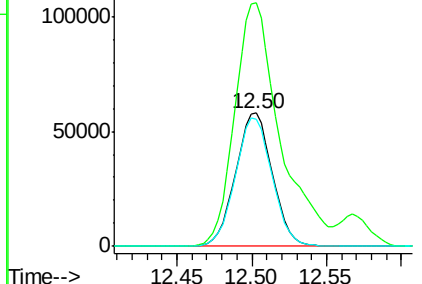
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 42.236 ug/l

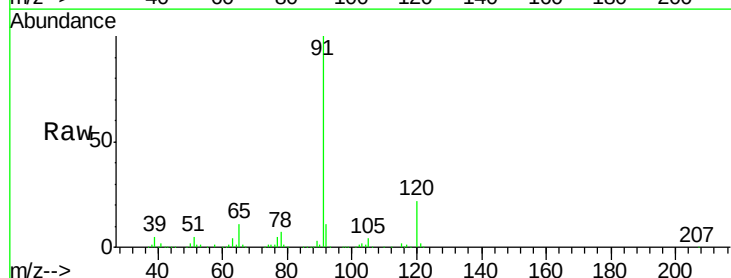
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062872.D

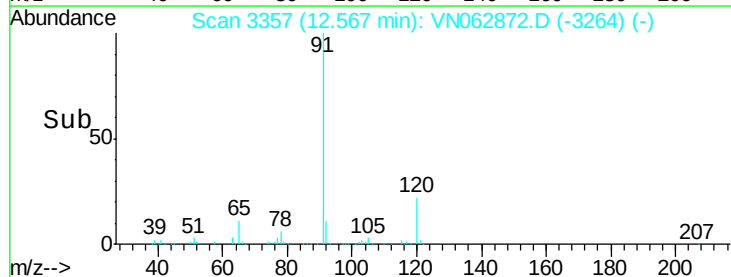
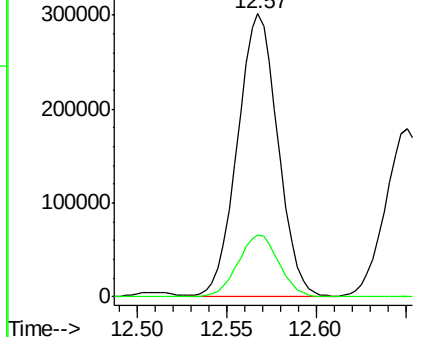
Acq: 12 Aug 2020 21:27

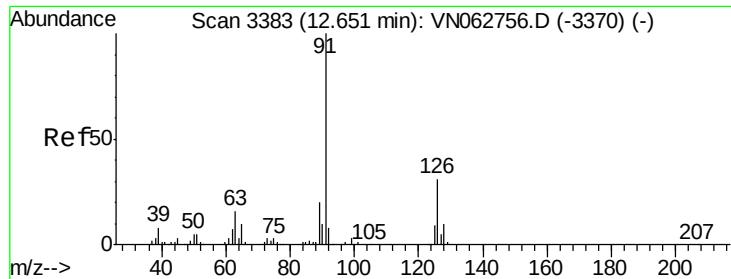
Tgt Ion:	91	Resp:	473452
Ion Ratio	Lower	Upper	
91	100		
120	22.3	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 41.488 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 291645

Ion Ratio Lower Upper

91 100

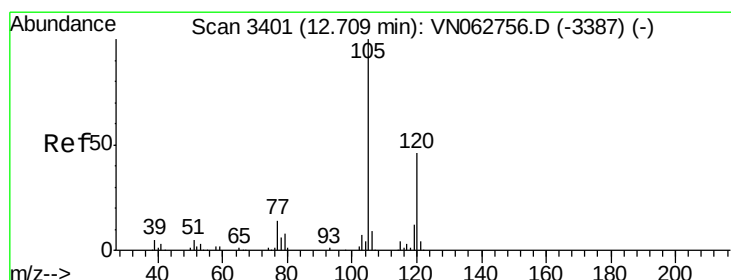
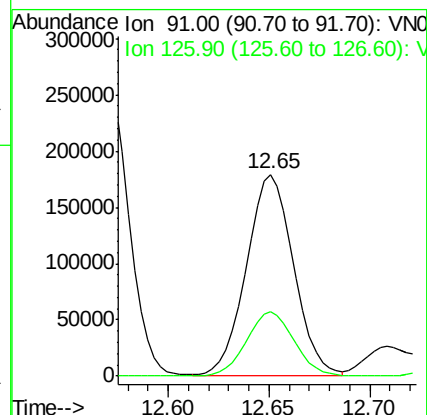
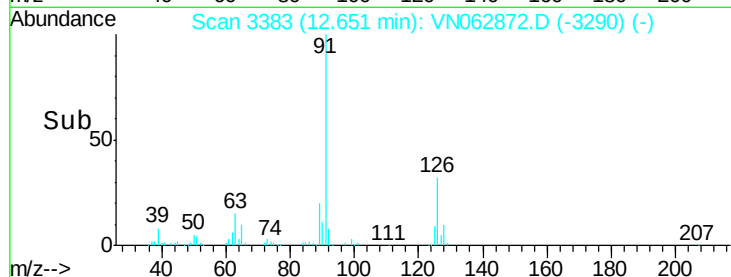
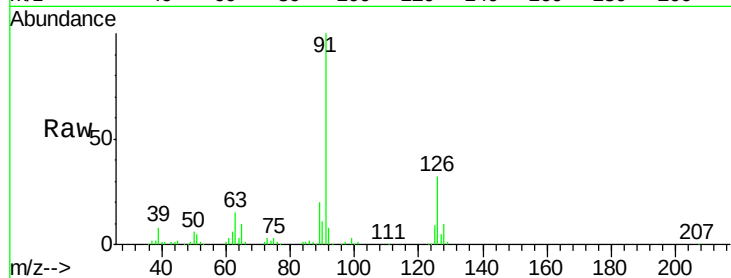
126 32.5 15.6 46.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 44.584 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062872.D

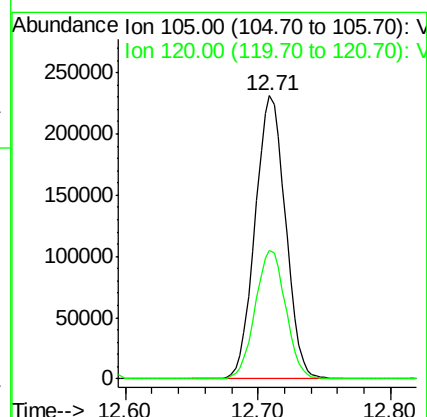
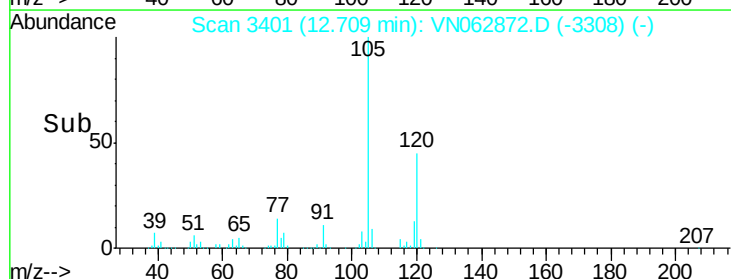
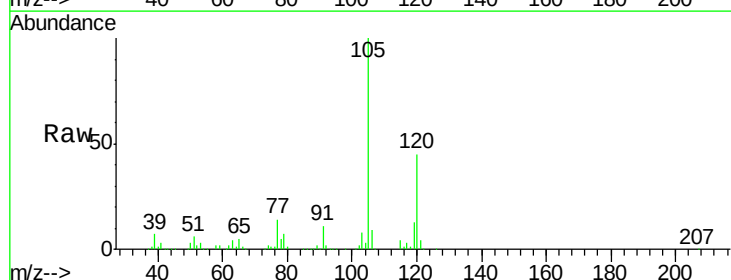
Acq: 12 Aug 2020 21:27

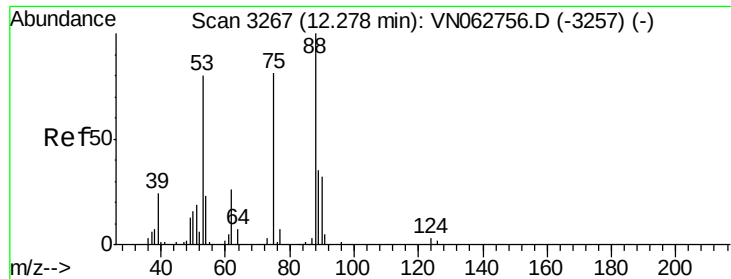
Tgt Ion:105 Resp: 369369

Ion Ratio Lower Upper

105 100

120 45.5 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 38.849 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 43526

Ion Ratio Lower Upper

75 100

53 98.7 79.1 118.7

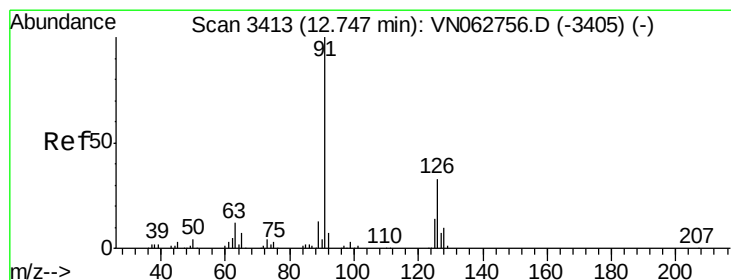
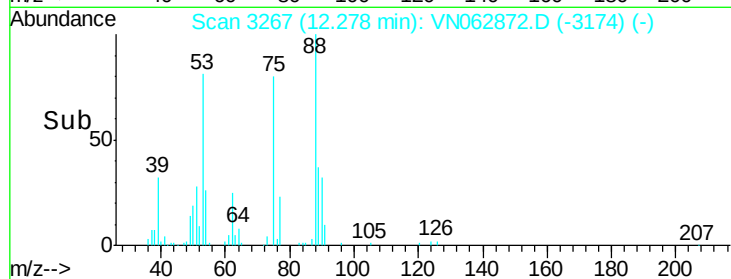
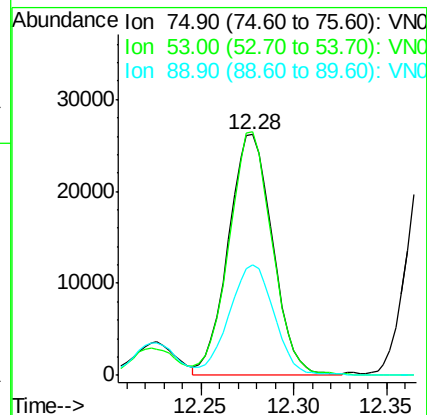
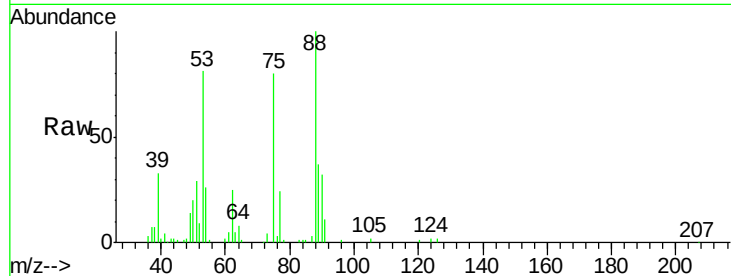
89 45.5 36.2 54.2

Manual Integrations

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#82

4-Chlorotoluene

Concen: 42.204 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062872.D

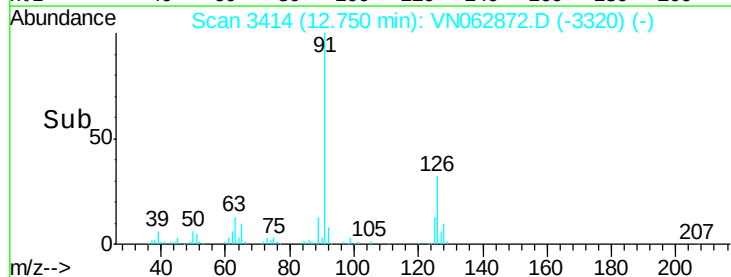
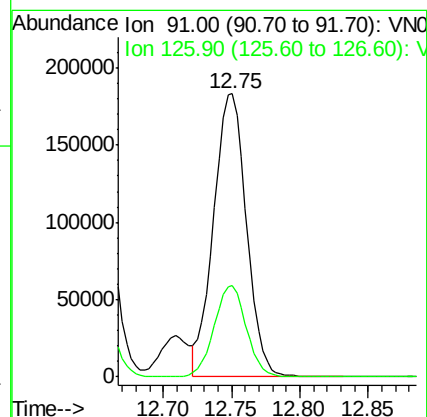
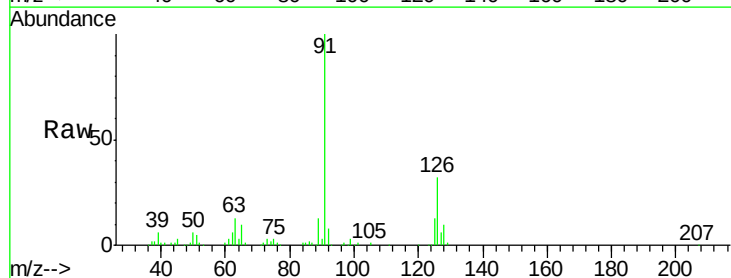
Acq: 12 Aug 2020 21:27

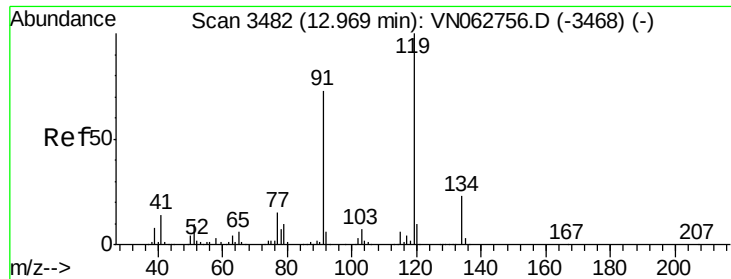
Tgt Ion: 91 Resp: 305732

Ion Ratio Lower Upper

91 100

126 31.7 15.3 45.9





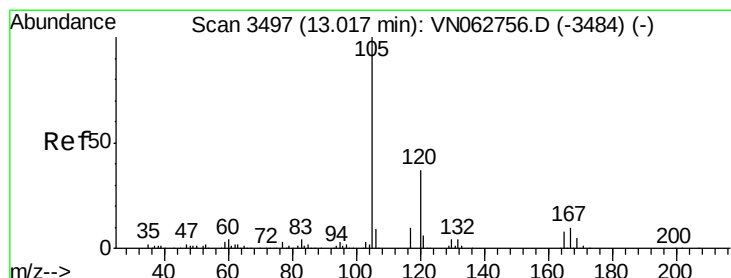
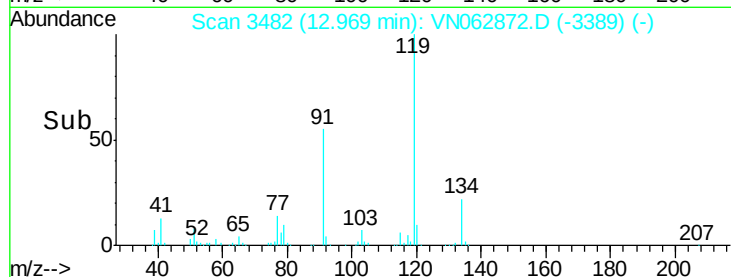
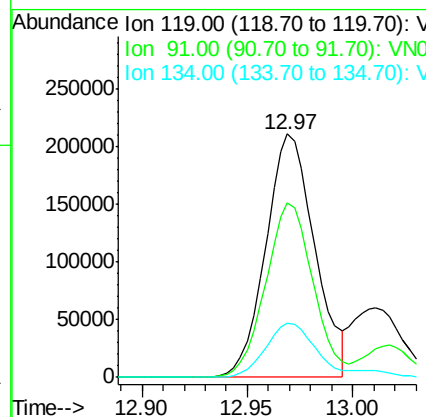
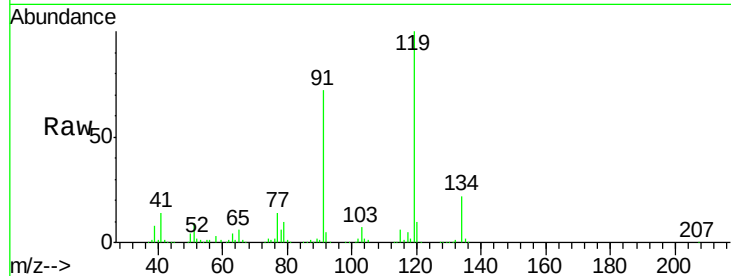
#83
 tert-Butylbenzene
 Concen: 48.532 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.7	36.5	109.5
134	22.8	11.3	33.8

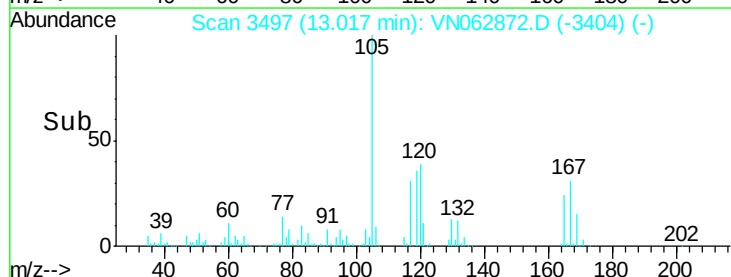
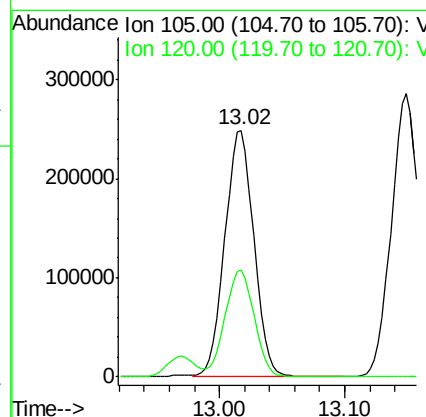
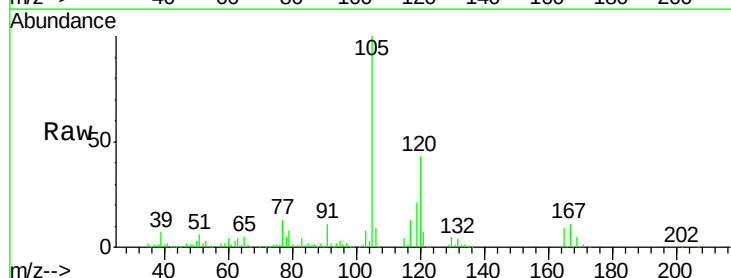
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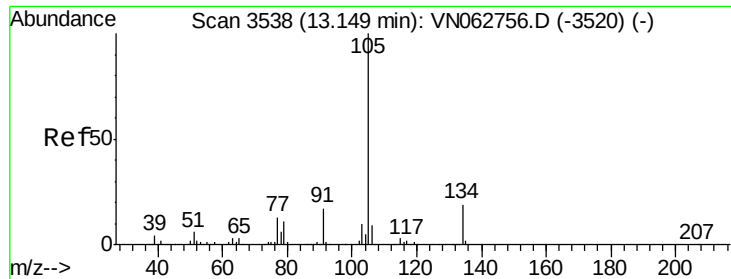
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.178 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.4	64.2





#85

sec-Butylbenzene

Concen: 48.587 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 447283

Ion Ratio Lower Upper

105 100

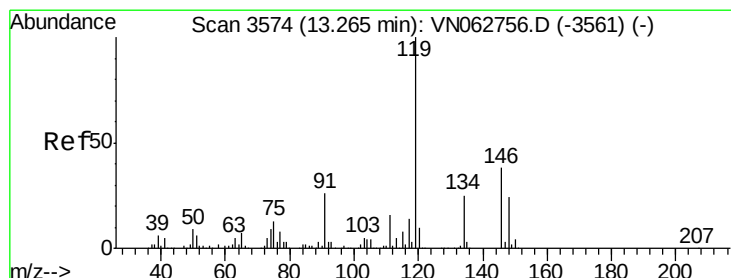
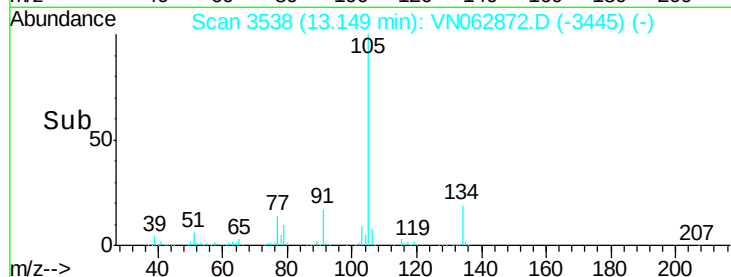
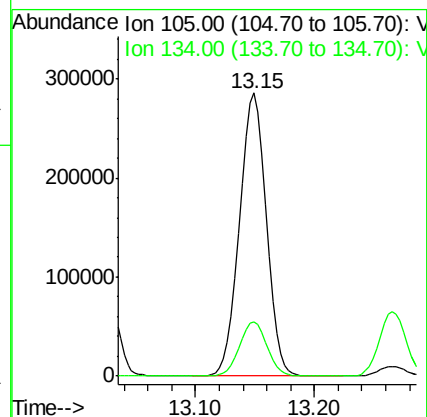
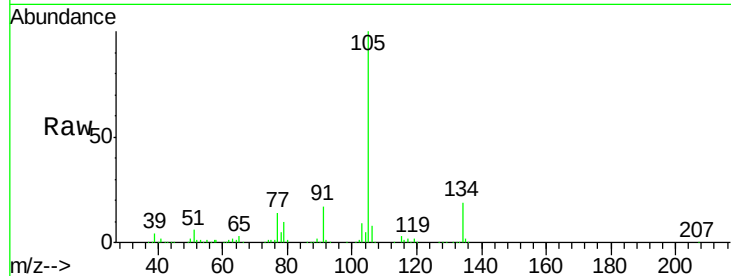
134 19.5 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 49.281 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

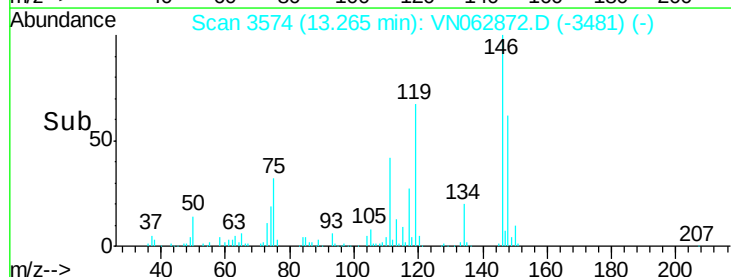
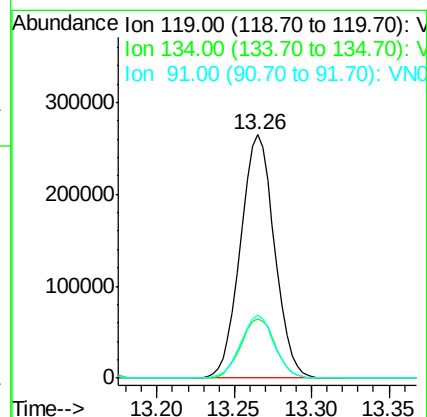
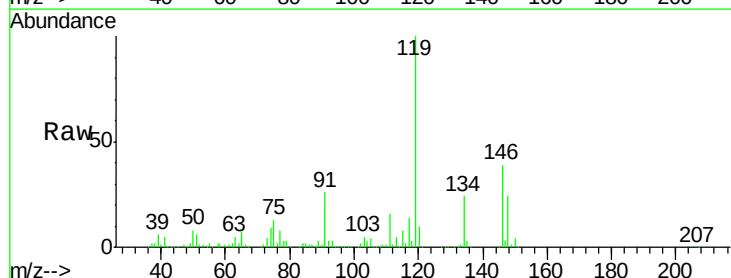
Tgt Ion:119 Resp: 402702

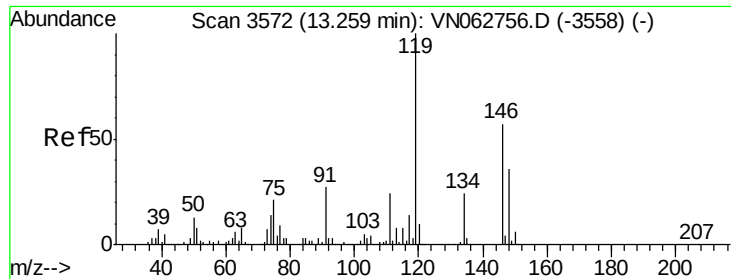
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 25.7 13.4 40.2





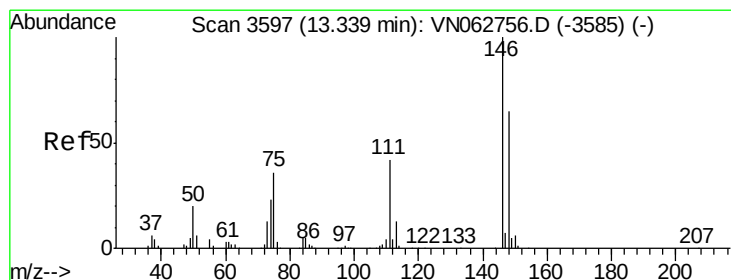
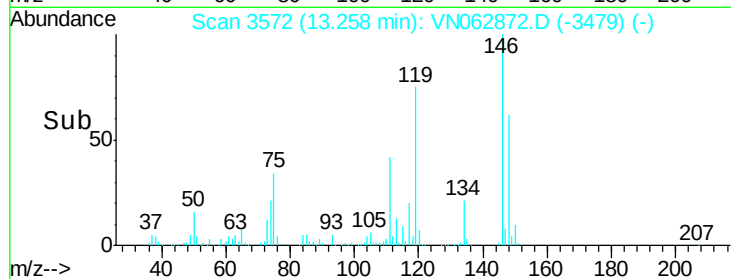
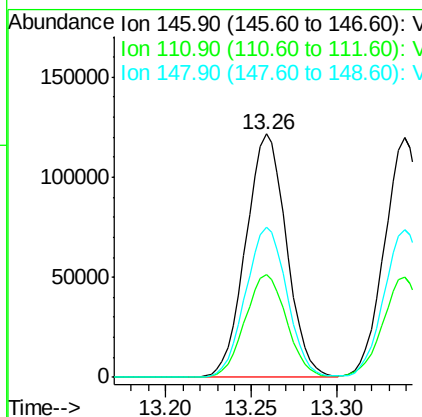
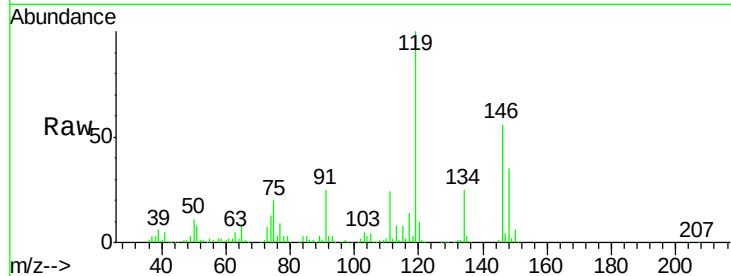
#87
 1,3-Dichlorobenzene
 Concen: 47.255 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	62.5	31.4	94.2

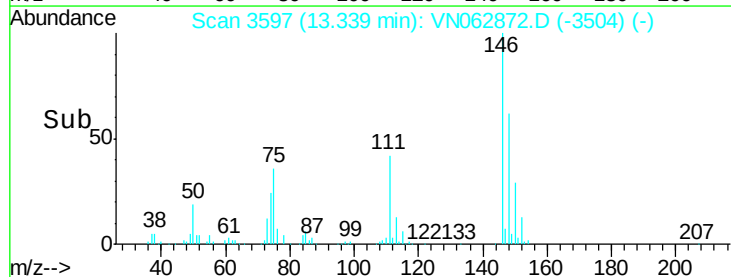
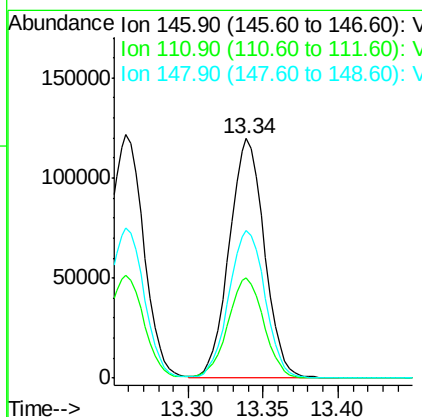
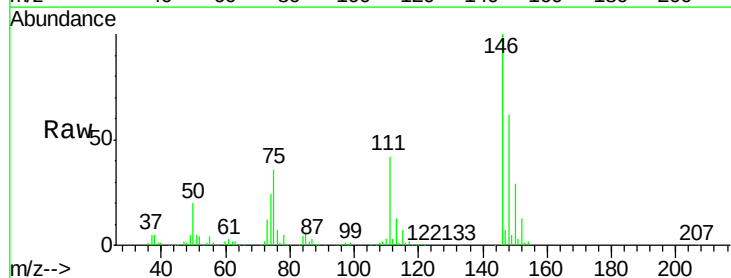
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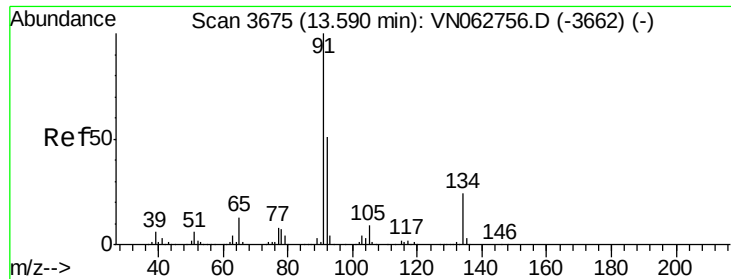
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#88
 1,4-Dichlorobenzene
 Concen: 45.875 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.6	64.6
148	63.7	32.6	97.8





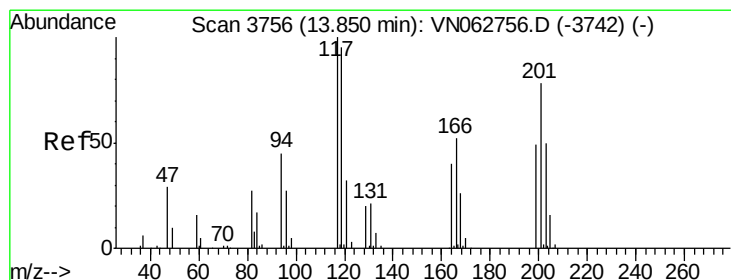
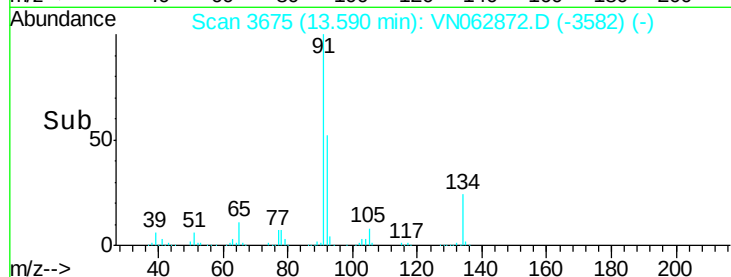
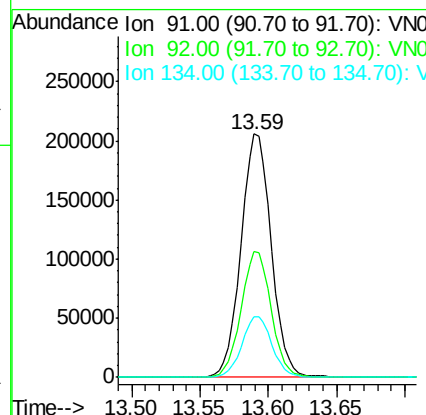
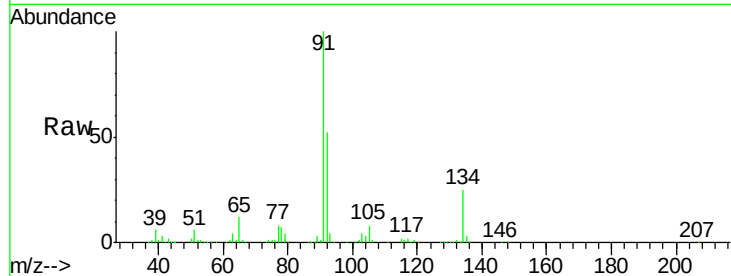
#89
n-Butylbenzene
Concen: 45.877 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.0
134	24.8	12.2	36.6

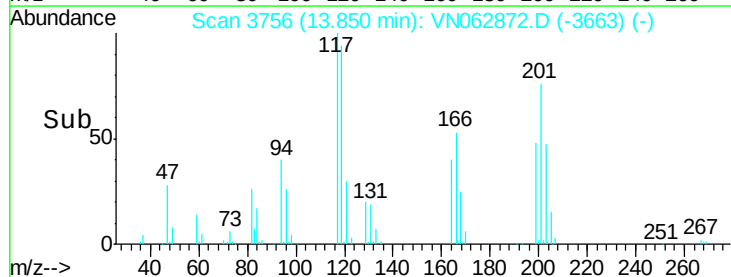
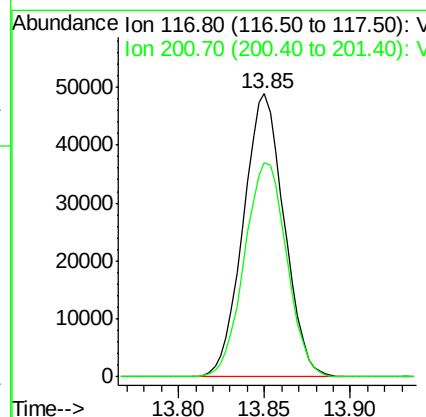
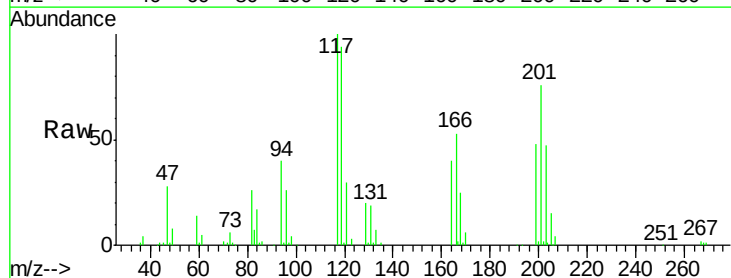
Manual Integrations
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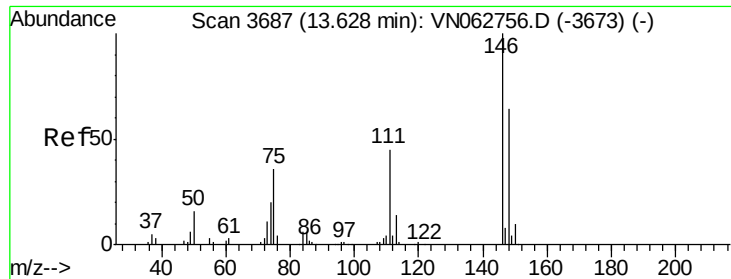
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#90
Hexachloroethane
Concen: 45.708 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	39.2	117.6





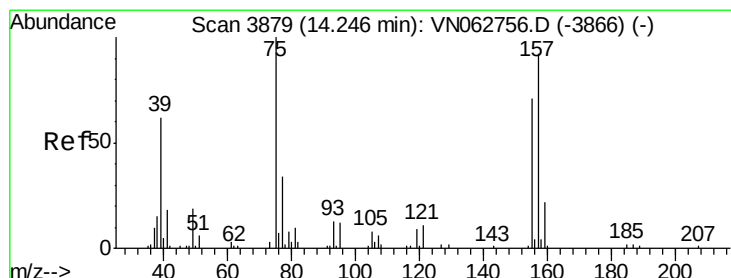
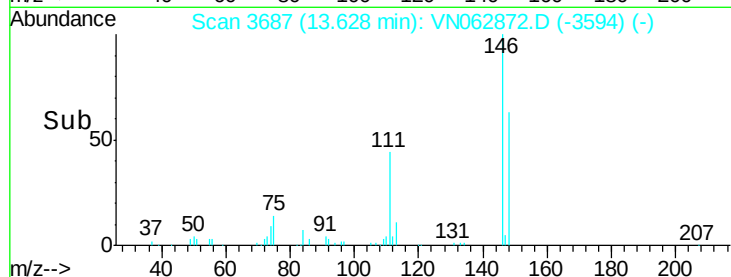
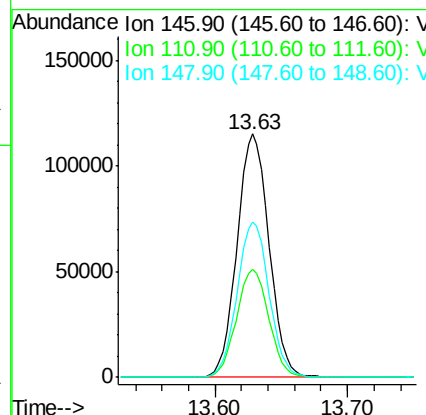
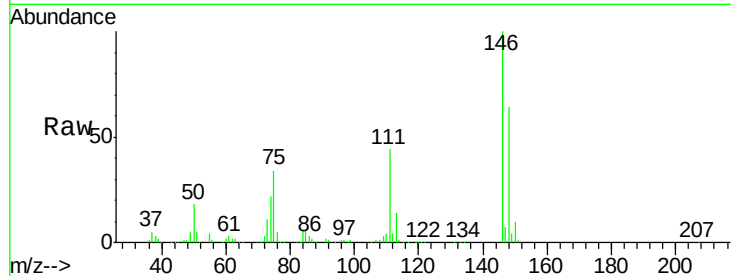
#91
 1,2-Dichlorobenzene
 Concen: 48.544 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192917		
111	45.0	22.8	68.4	
148	63.8	31.9	95.5	

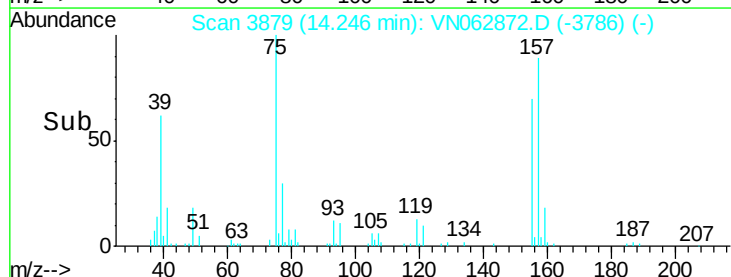
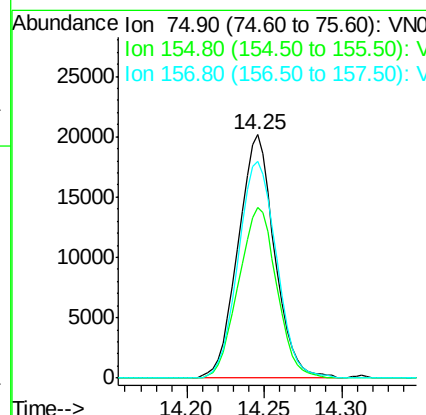
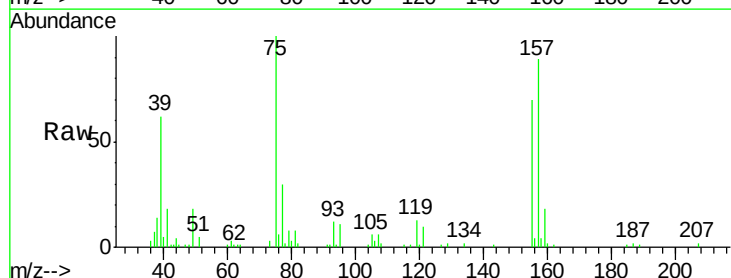
Manual Integrations
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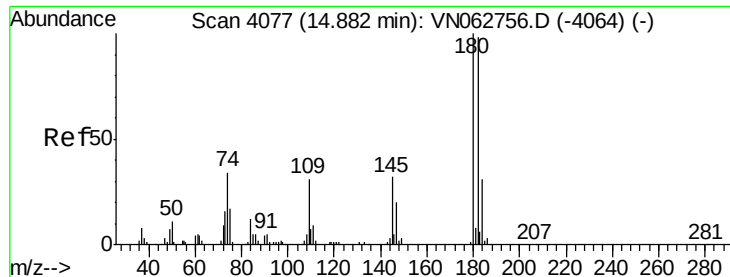
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.807 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	33059		
155	73.2	35.0	105.1	
157	93.7	43.2	129.6	





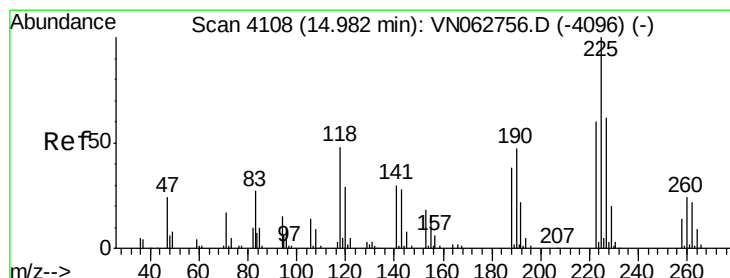
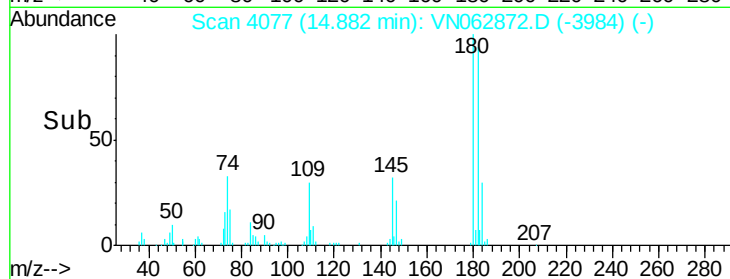
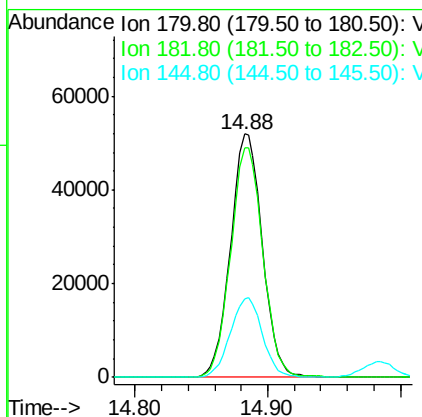
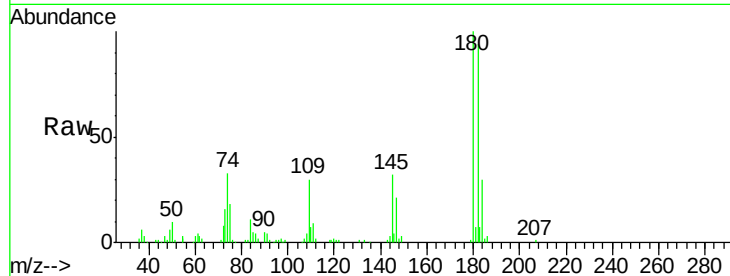
#93
 1,2,4-Trichlorobenzene
 Concen: 41.092 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	86349		
182	95.4	49.1	147.4	
145	32.9	16.3	48.8	

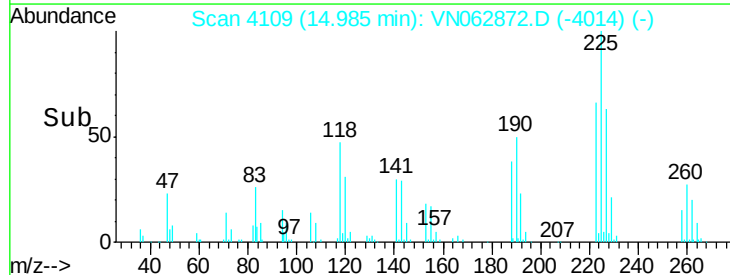
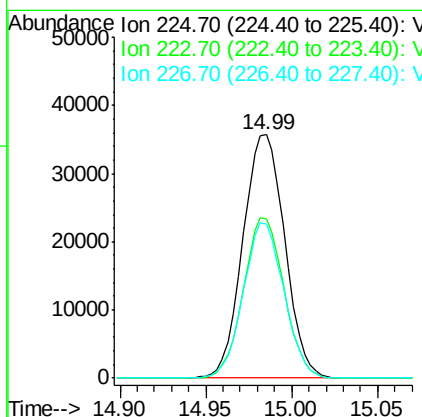
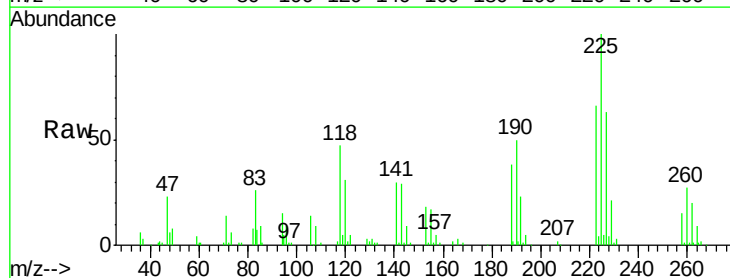
Manual Integrations
 APPROVED

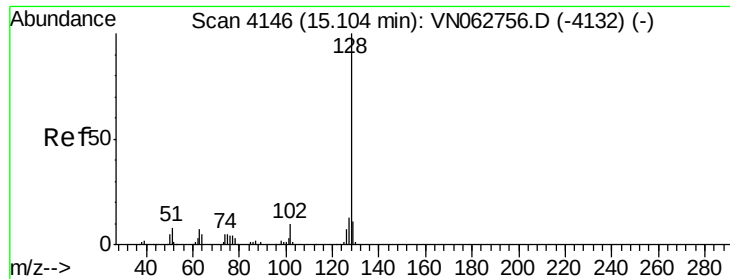
MMDadoda
 8/13/2020 10:56:39 AM



#94
 Hexachlorobutadiene
 Concen: 48.177 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60332		
223	63.8	30.6	92.0	
227	61.9	31.6	95.0	





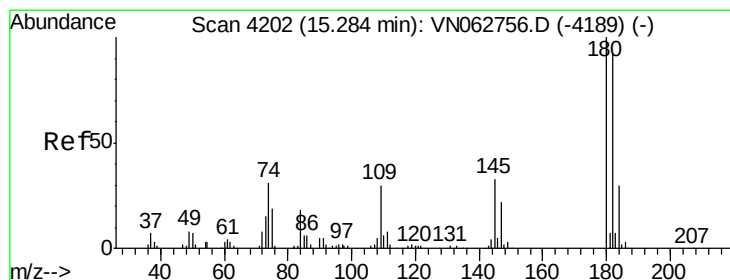
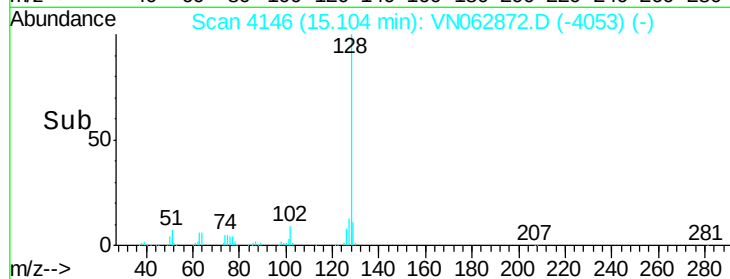
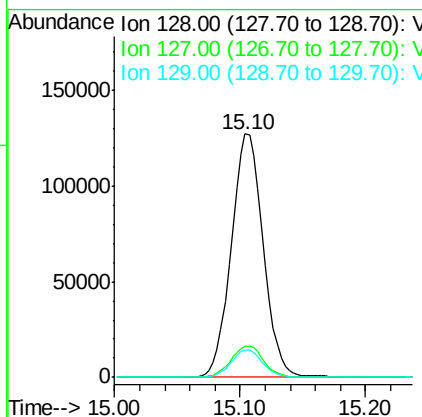
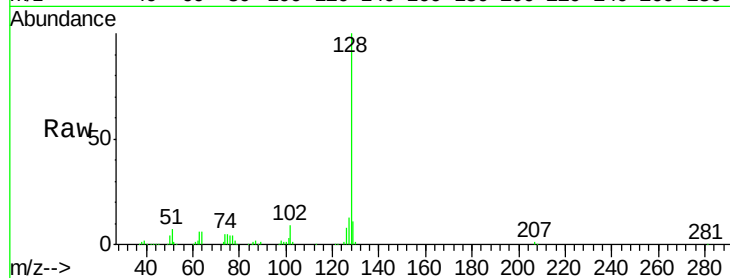
#95
Naphthalene
Concen: 39.426 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	224918		
127	13.1		10.8	16.2
129	11.1		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/13/2020 10:56:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 42.934 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89452		
182	96.3		47.9	143.6
145	33.2		17.3	51.7

