

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062365.D
 Acq On : 6 Jul 2020 13:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:31 AM

Quant Time: Jul 07 04:52:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1078695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1832948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1733097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	852365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	980983	60.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.20%	
35) Dibromofluoromethane	7.55	113	649298	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.06	98	2493628	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.37	95	936164	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	600784	48.869	ug/l	100
3) Chloromethane	2.04	50	851070	51.666	ug/l	100
4) Vinyl Chloride	2.16	62	734662	39.298	ug/l	100
5) Bromomethane	2.52	94	397303	33.939	ug/l	100
6) Chloroethane	2.66	64	427372	34.236	ug/l	100
7) Trichlorofluoromethane	2.98	101	1050789	44.049	ug/l	100
8) Diethyl Ether	3.37	74	393355	47.369	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	560323	45.324	ug/l	100
10) Methyl Iodide	3.91	142	725898	51.450	ug/l	100
11) Tert butyl alcohol	4.73	59	698812	301.298	ug/l	100
12) 1,1-Dichloroethene	3.70	96	535858	43.675	ug/l	100
13) Acrolein	3.57	56	292941	150.467	ug/l	100
14) Allyl chloride	4.27	41	1350756	72.401	ug/l	100
15) Acrylonitrile	4.93	53	1845466	297.524	ug/l	100
16) Acetone	3.77	43	2113283	350.366	ug/l	100
17) Carbon Disulfide	4.01	76	1625744	41.493	ug/l	100
18) Methyl Acetate	4.28	43	914417	68.781	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	2148209	53.166	ug/l	100
20) Methylene Chloride	4.50	84	665387	43.725	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	589972	42.404	ug/l	100
22) Diisopropyl ether	5.90	45	2753817	66.223	ug/l	100
23) Vinyl Acetate	5.84	43	11433926	337.811	ug/l	100
24) 1,1-Dichloroethane	5.80	63	1326122	52.293	ug/l	100
25) 2-Butanone	6.79	43	2919483	358.085	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1079052	51.476	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	691084	43.925	ug/l	100
28) Bromochloromethane	7.15	49	777126	66.609	ug/l	100
29) Tetrahydrofuran	7.17	42	1908161	358.251	ug/l	100
30) Chloroform	7.33	83	1263880	49.605	ug/l	100
31) Cyclohexane	7.61	56	1181497	54.258	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	1074392	50.025	ug/l	100
36) 1,1-Dichloropropene	7.75	75	938028	50.219	ug/l	100
37) Ethyl Acetate	6.88	43	1205406	71.674	ug/l	100
38) Carbon Tetrachloride	7.73	117	948671	53.271	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1019373	50.078	ug/l	100
40) Benzene	8.00	78	2726858	48.344	ug/l	100
41) Methacrylonitrile	7.14	41	590848m	77.429	ug/l	
42) 1,2-Dichloroethane	8.09	62	1180127	59.297	ug/l	100
43) Isopropyl Acetate	8.12	43	1980765	72.085	ug/l	100
44) Trichloroethene	8.80	130	629698	44.698	ug/l	100
45) 1,2-Dichloropropane	9.09	63	792209	55.378	ug/l	100
46) Dibromomethane	9.18	93	486013	51.045	ug/l	100
47) Bromodichloromethane	9.37	83	1048926	54.105	ug/l	100
48) Methyl methacrylate	9.17	41	992461	78.611	ug/l	100
49) 1,4-Dioxane	9.17	88	266453	1071.679	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	5745550	361.046	ug/l	100
52) Toluene	10.12	92	1674486	49.027	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	1185585	55.415	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1224789	54.138	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	649307	48.375	ug/l	100
56) Ethyl methacrylate	10.40	69	1118751	60.204	ug/l	100
57) 1,3-Dichloropropane	10.68	76	1214461	51.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2088393	299.038	ug/l	100
59) 2-Hexanone	10.72	43	4408449	379.565	ug/l	100
60) Dibromochloromethane	10.87	129	750963	52.026	ug/l	100
61) 1,2-Dibromoethane	10.98	107	668154	48.354	ug/l	100
64) Tetrachloroethene	10.60	164	521799	44.391	ug/l	100
65) Chlorobenzene	11.41	112	1740467	45.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	659616	49.829	ug/l	100
67) Ethyl Benzene	11.48	91	3284327	50.873	ug/l	100
68) m/p-Xylenes	11.60	106	2407176	97.400	ug/l	100
69) o-Xylene	11.92	106	1140439	48.934	ug/l	100
70) Styrene	11.94	104	1970045	50.580	ug/l	100
71) Bromoform	12.10	173	525474	55.023	ug/l	100
73) Isopropylbenzene	12.22	105	3122467	47.449	ug/l	100
74) N-amyl acetate	12.04	43	1788949	75.037	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1038683	47.068	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1012633m	50.382	ug/l	
77) Bromobenzene	12.50	156	717856	44.205	ug/l	100
78) n-propylbenzene	12.56	91	3701592	49.021	ug/l	100
79) 2-Chlorotoluene	12.65	91	2235828	48.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2681526	49.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	353986	50.934	ug/l	100
82) 4-Chlorotoluene	12.75	91	2326141	49.027	ug/l	100
83) tert-Butylbenzene	12.97	119	2180723	47.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	2643677	49.467	ug/l	100
85) sec-Butylbenzene	13.15	105	2988288	49.294	ug/l	100
86) p-Isopropyltoluene	13.26	119	2644872	49.910	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1319957	46.145	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1329579	45.035	ug/l	100
89) n-Butylbenzene	13.59	91	2316883	52.204	ug/l	100
90) Hexachloroethane	13.85	117	531609	50.403	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1278822	46.083	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	216498	59.240	ug/l	100

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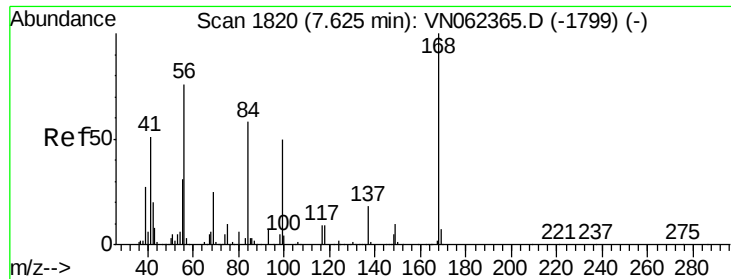
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	632216	51.584	ug/l	100
94) Hexachlorobutadiene	14.98	225	346335	61.513	ug/l	100
95) Naphthalene	15.10	128	1716149	48.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	637884	51.031	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 1078695

Ion Ratio Lower Upper

168 100

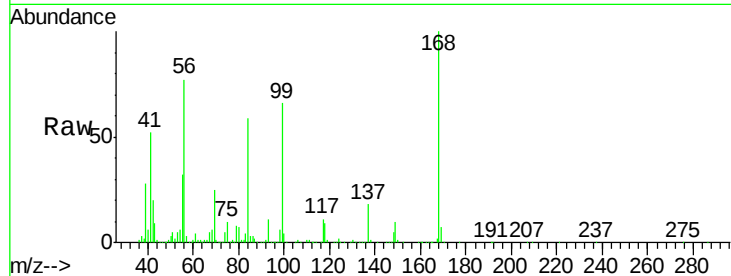
99 66.1 52.9 79.3

Manual Integrations

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7/7/2020 10:08:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

400000

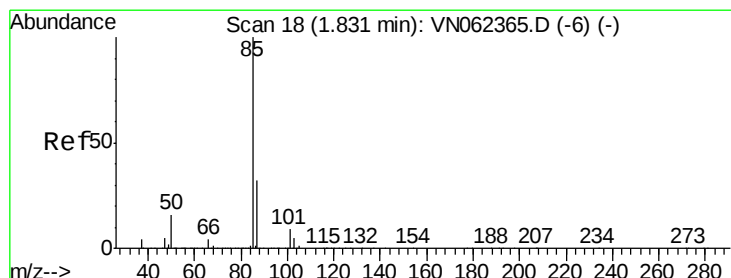
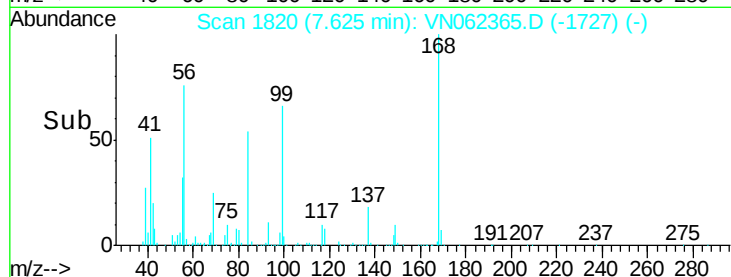
300000

200000

100000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.869 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062365.D

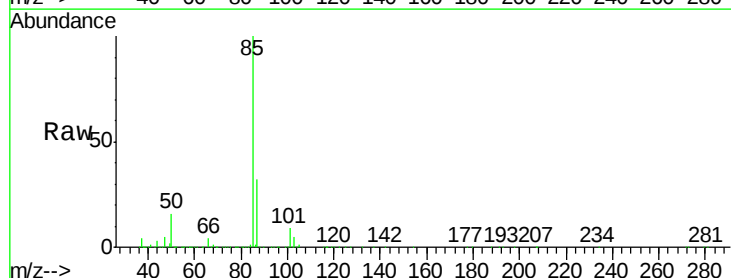
Acq: 6 Jul 2020 13:38

Tgt Ion: 85 Resp: 600784

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

400000

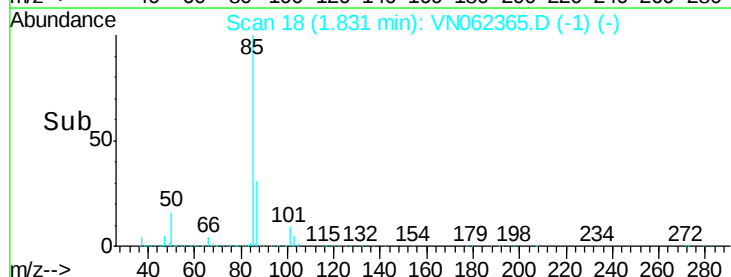
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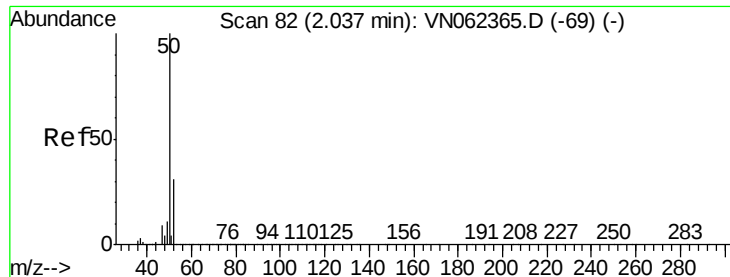
200000

100000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 51.666 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 851070

Ion Ratio Lower Upper

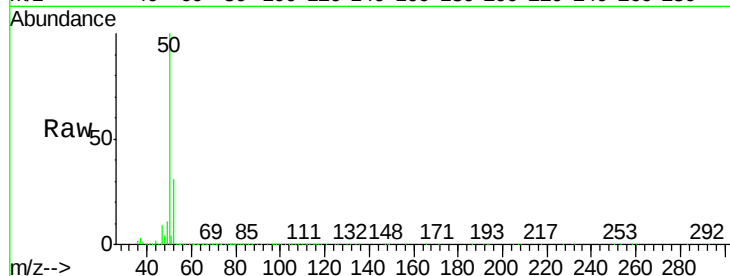
50 100

52 31.3 25.0 37.6

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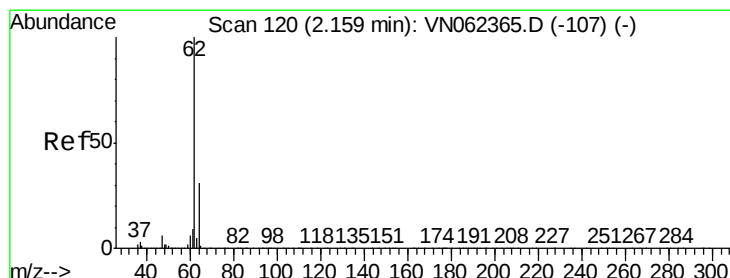
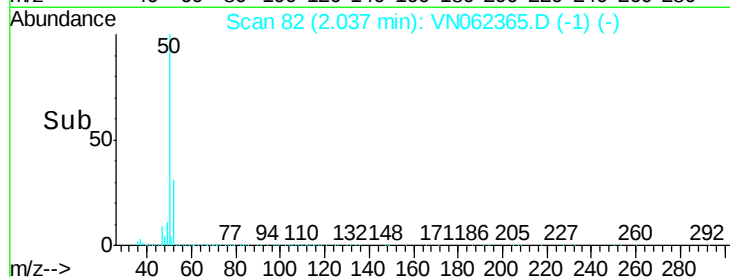
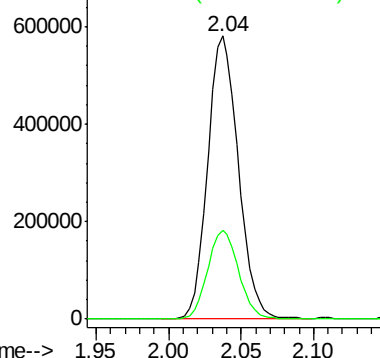
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 39.298 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062365.D

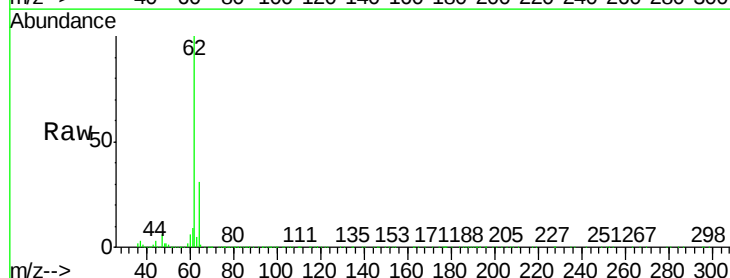
Acq: 6 Jul 2020 13:38

Tgt Ion: 62 Resp: 734662

Ion Ratio Lower Upper

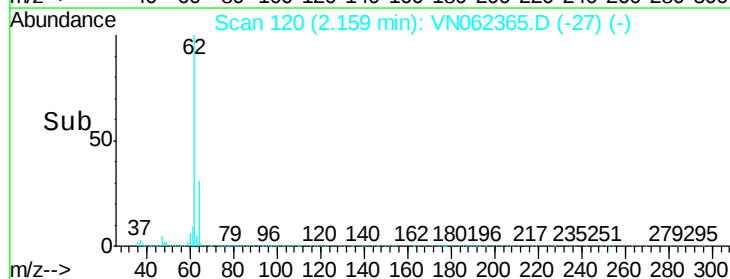
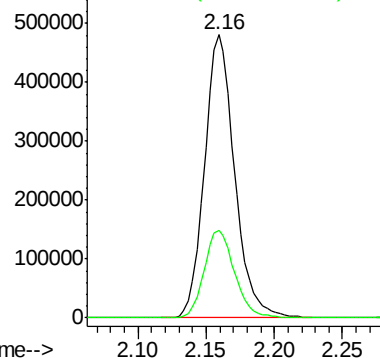
62 100

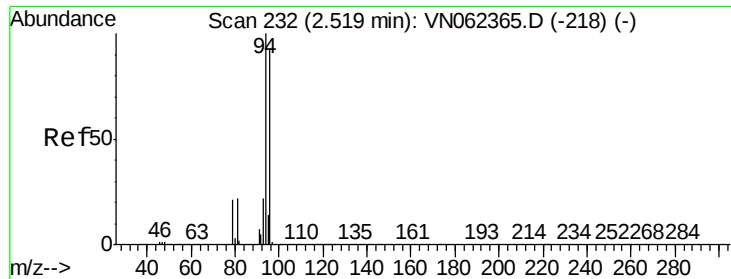
64 31.1 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 33.939 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 397303

Ion Ratio Lower Upper

94 100

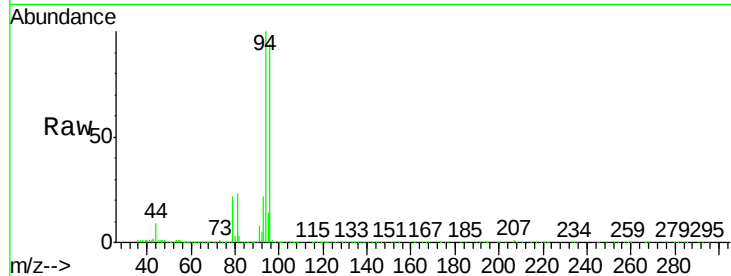
96 93.4 74.7 112.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

200000

150000

100000

50000

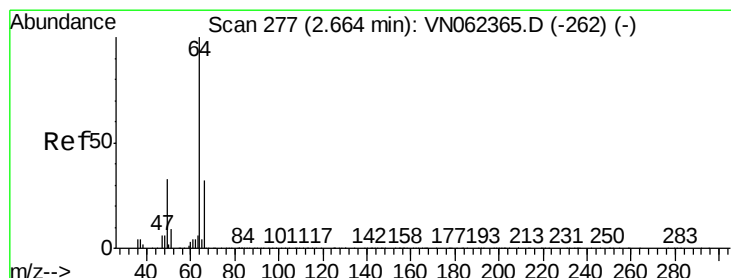
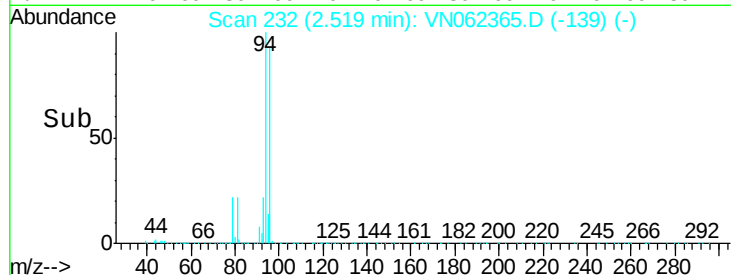
0

2.40

2.50

2.60

Time-->



#6

Chloroethane

Concen: 34.236 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062365.D

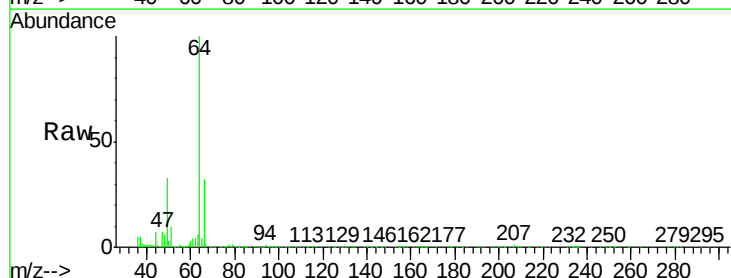
Acq: 6 Jul 2020 13:38

Tgt Ion: 64 Resp: 427372

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

200000

150000

100000

50000

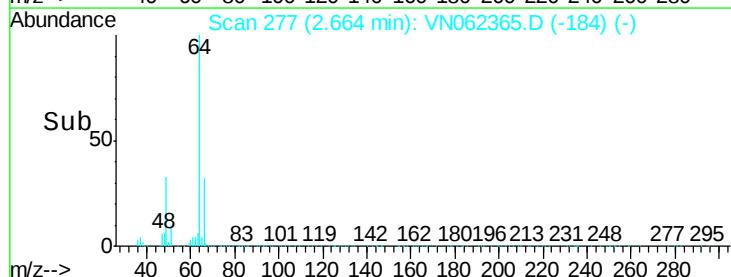
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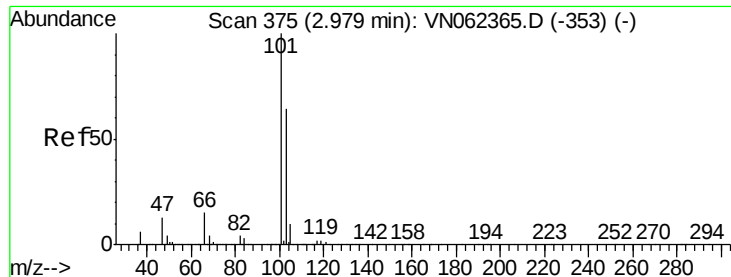
2.60

2.70

2.80

Time-->





#7

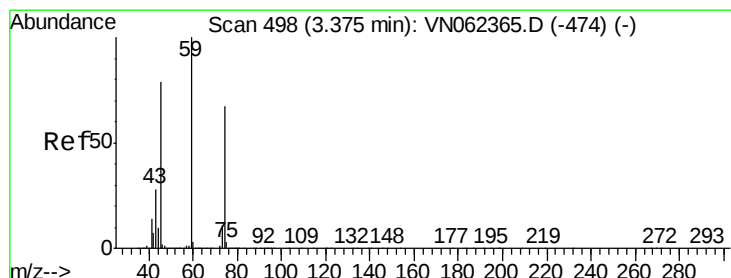
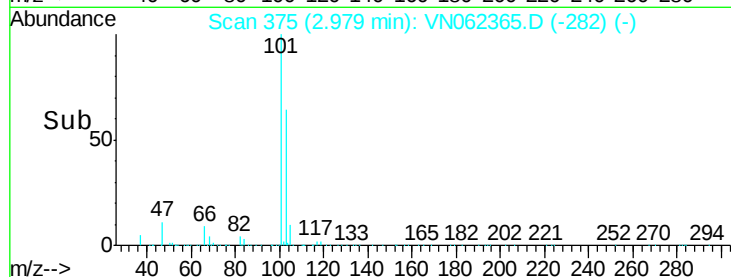
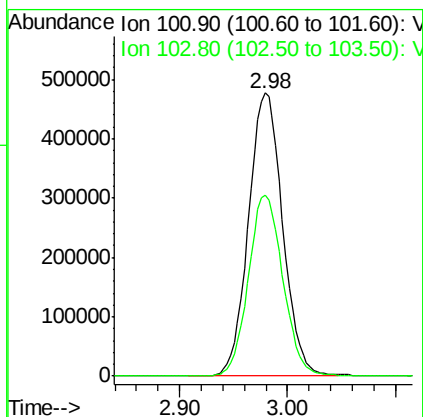
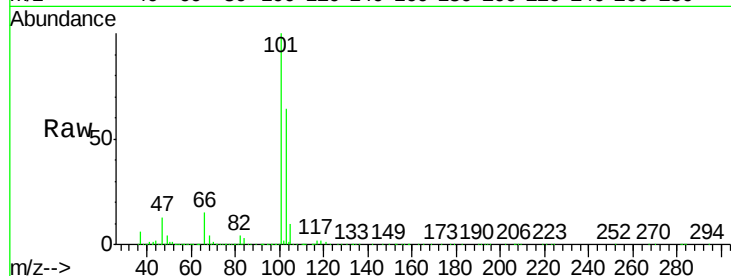
Trichlorofluoromethane
Concen: 44.049 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
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VSTDICCC050

Tot Ion:101 Resp: 1050789
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

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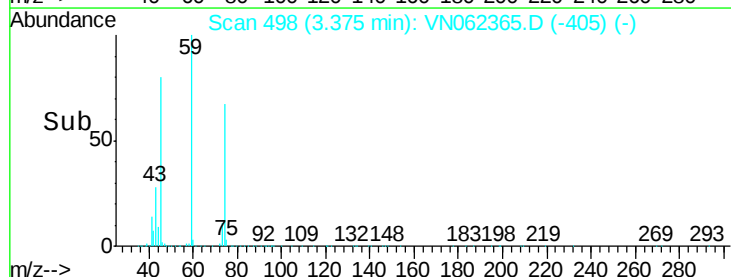
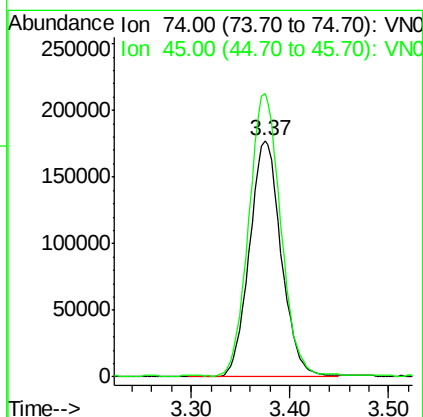
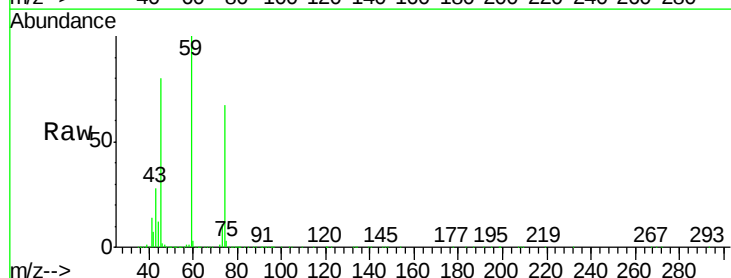
MMDadoda
7/7/2020 10:08:31 AM

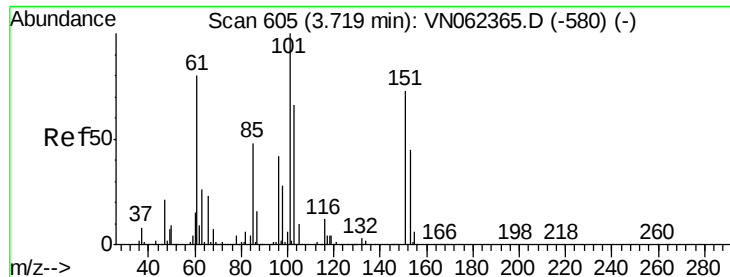


#8

Diethyl Ether
Concen: 47.369 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 74 Resp: 393355
Ion Ratio Lower Upper
74 100
45 119.8 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.324 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

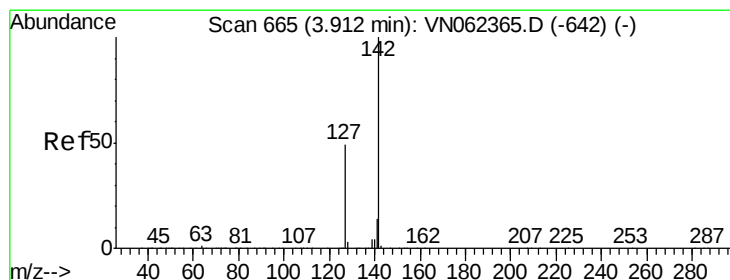
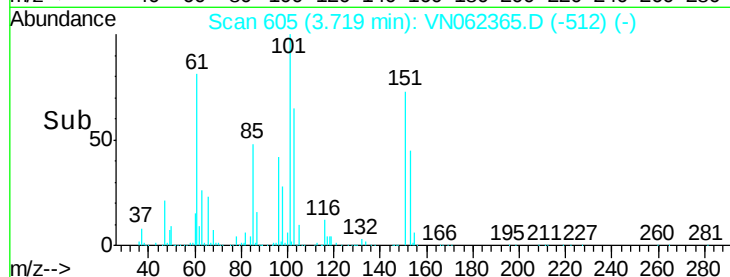
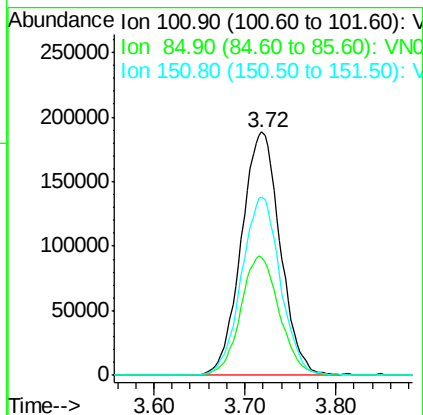
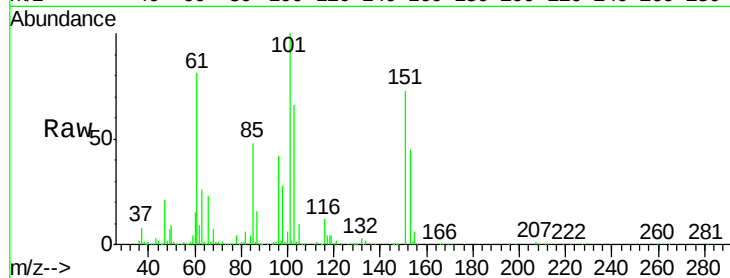
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	560323
Ion Ratio	Lower	Upper	
101	100		
85	48.2	38.6	57.8
151	72.9	58.3	87.5

Manual Integrations
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#10

Methyl Iodide

Concen: 51.450 ug/l

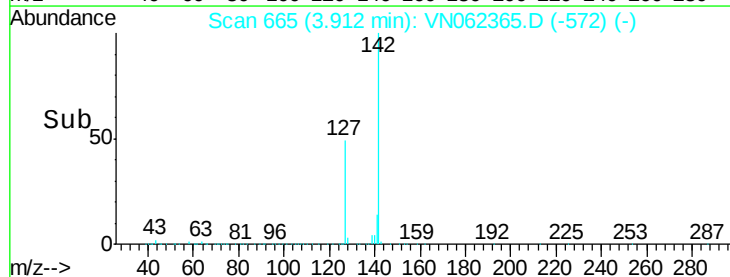
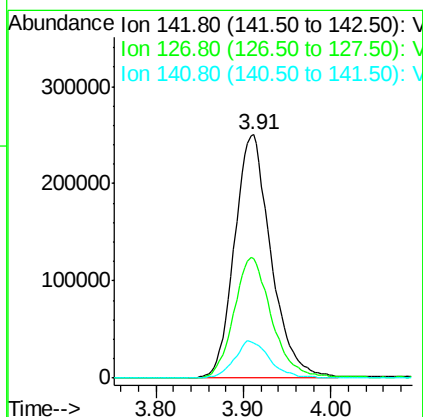
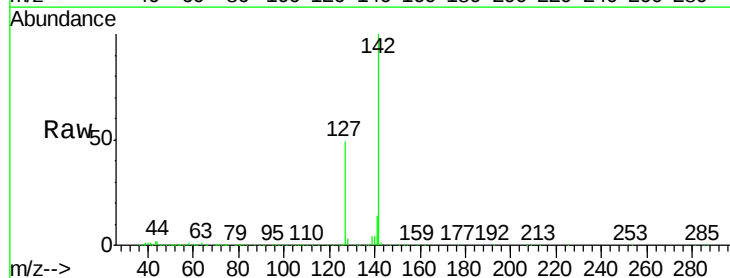
RT: 3.91 min Scan# 665

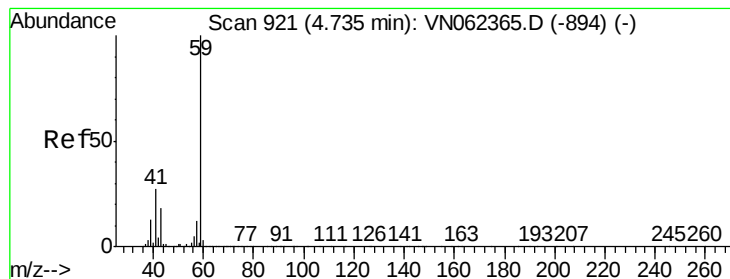
Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Tgt Ion:	142	Resp:	725898
Ion Ratio	Lower	Upper	
142	100		
127	51.3	41.0	61.6
141	14.8	11.8	17.8





#11

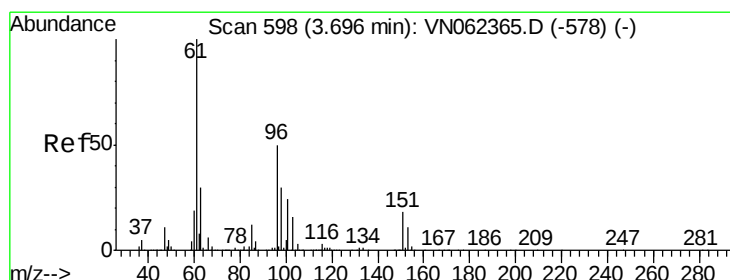
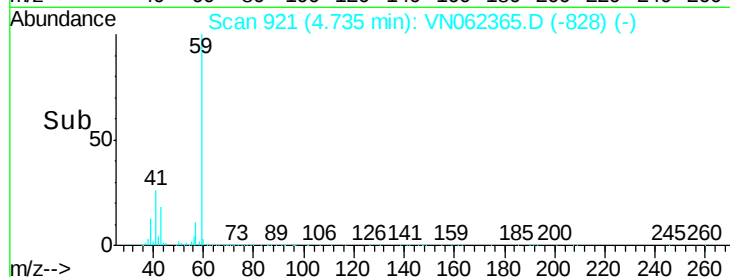
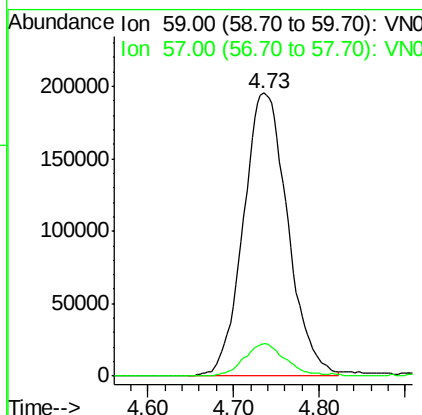
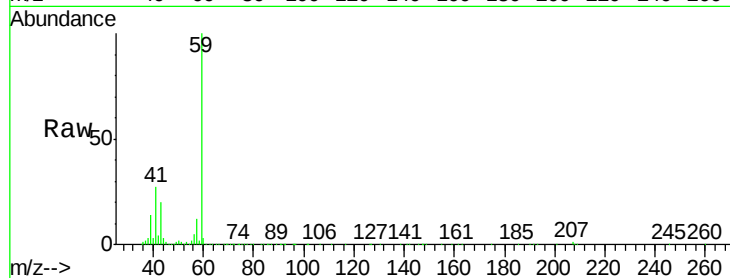
Tert butyl alcohol
Concen: 301.298 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
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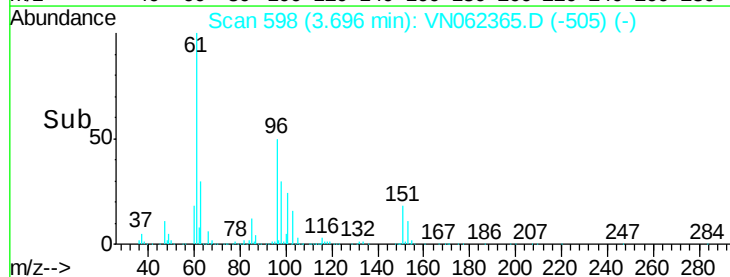
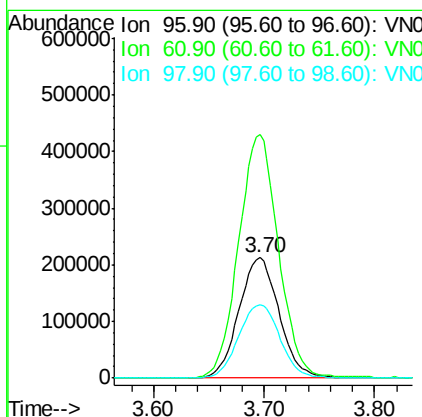
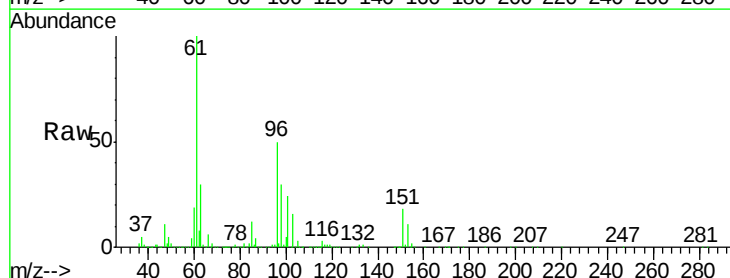
MMDadoda
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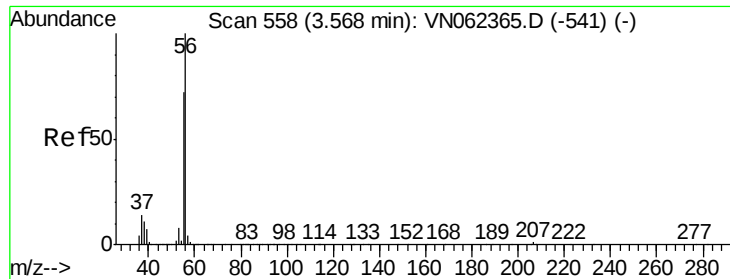


#12

1,1-Dichloroethene
Concen: 43.675 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	201.7	161.4	242.0
98	61.0	48.8	73.2





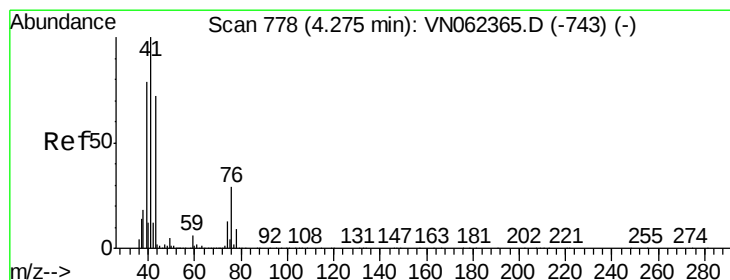
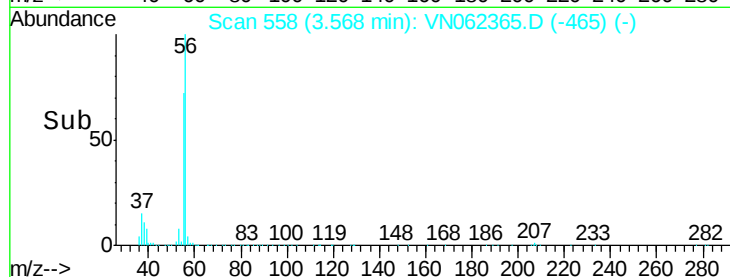
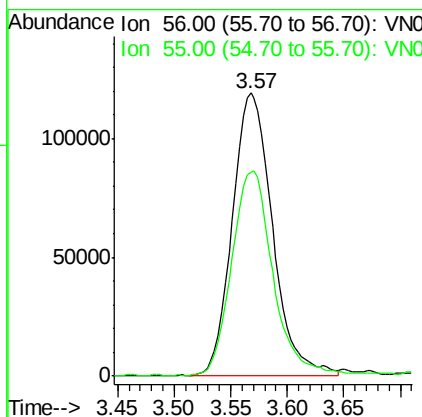
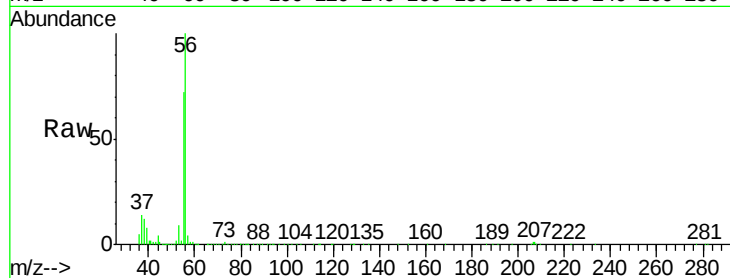
#13
Acrolein
Concen: 150.467 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.5	59.6	89.4

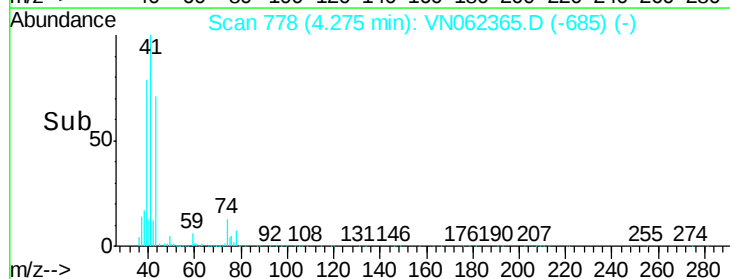
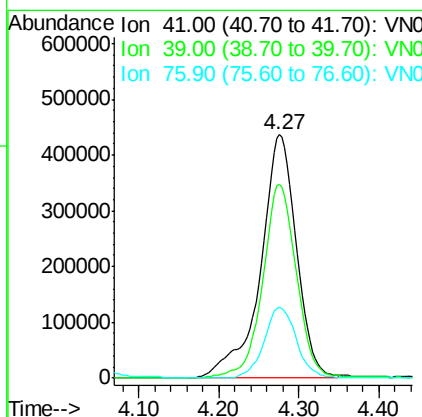
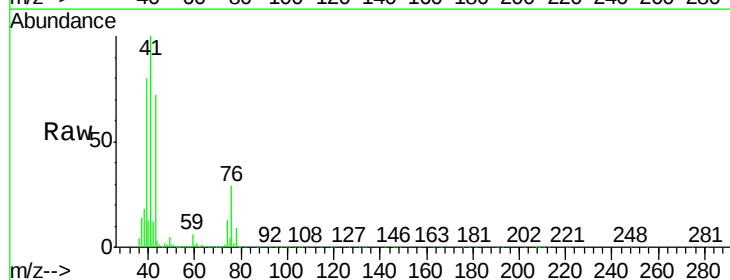
Manual Integrations
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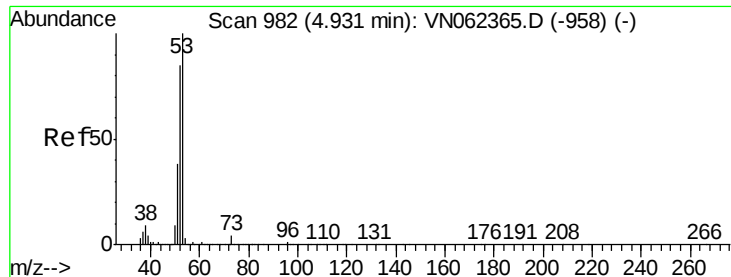
MMDadoda
7/7/2020 10:08:31 AM



#14
Allyl chloride
Concen: 72.401 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.7	59.8	89.6
76	25.9	20.7	31.1





#15

Acrylonitrile

Concen: 297.524 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 53 Resp: 1845466

Ion Ratio Lower Upper

53 100

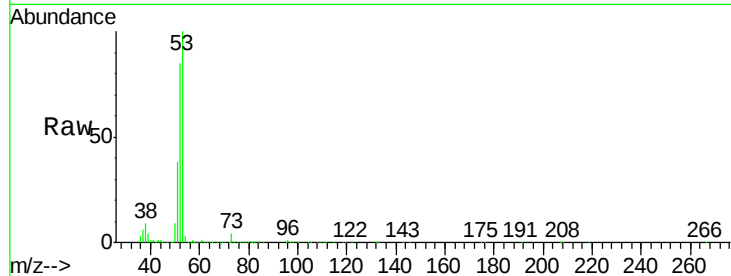
52 84.5 67.6 101.4

51 38.2 30.6 45.8

Manual Integrations
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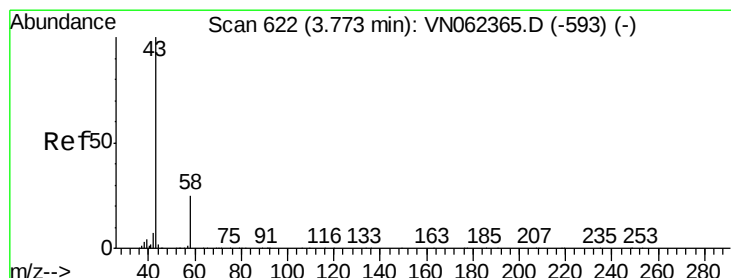
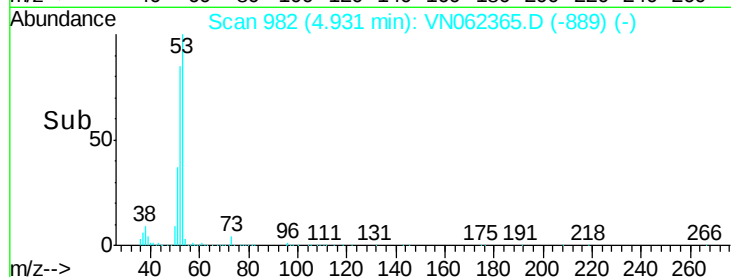
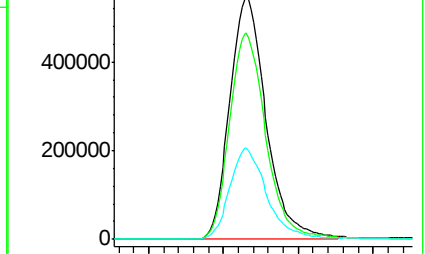
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Abundance Ion 53.00 (52.70 to 53.70): VN062365.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN062365.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN062365.D (-958) (-)



#16

Acetone

Concen: 350.366 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062365.D

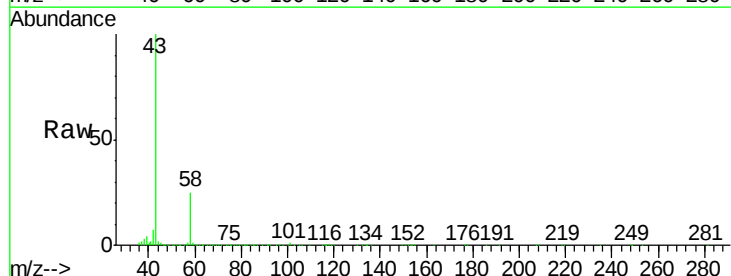
Acq: 6 Jul 2020 13:38

Tgt Ion: 43 Resp: 2113283

Ion Ratio Lower Upper

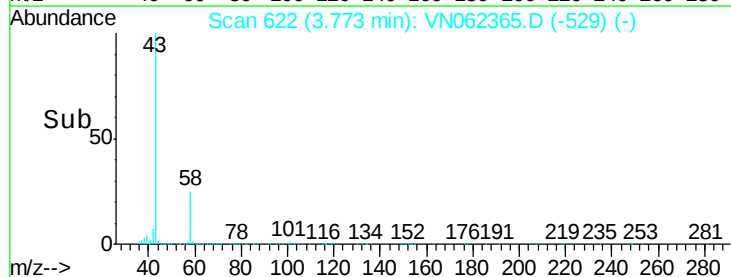
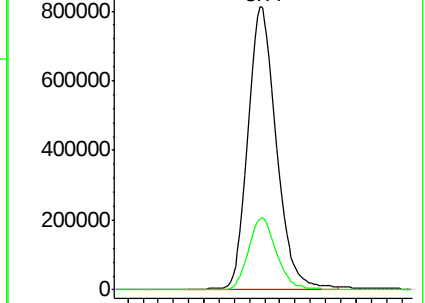
43 100

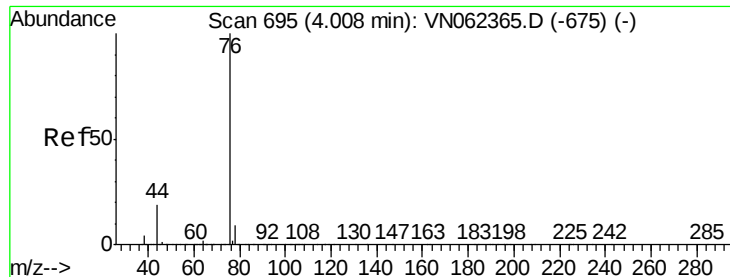
58 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN062365.D (-593) (-)





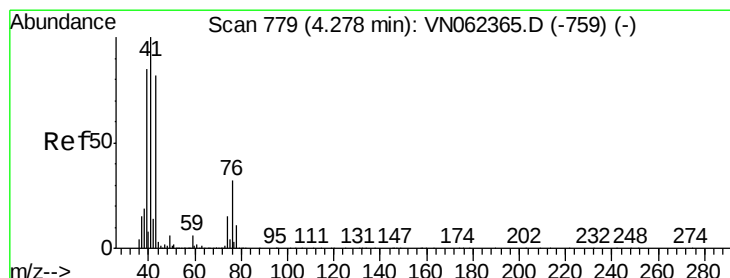
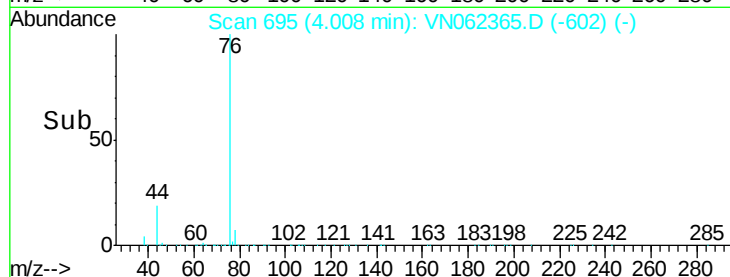
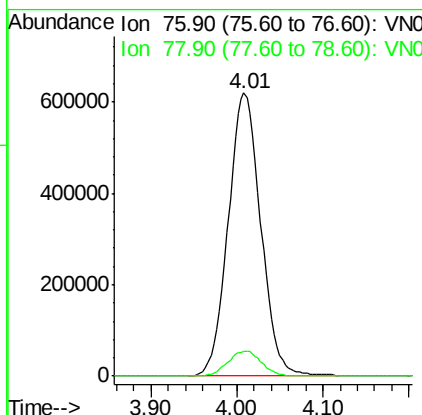
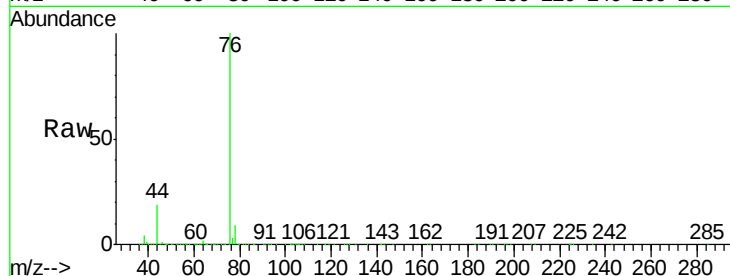
#17
Carbon Disulfide
Concen: 41.493 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 76 Resp: 1625744
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3

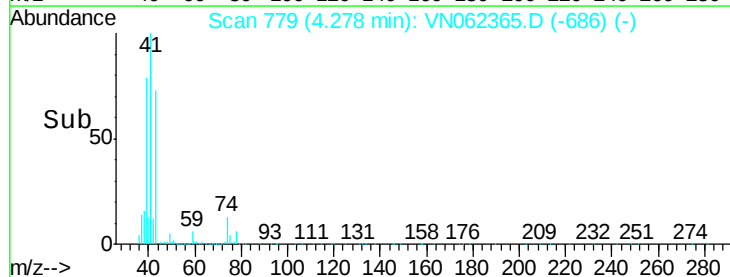
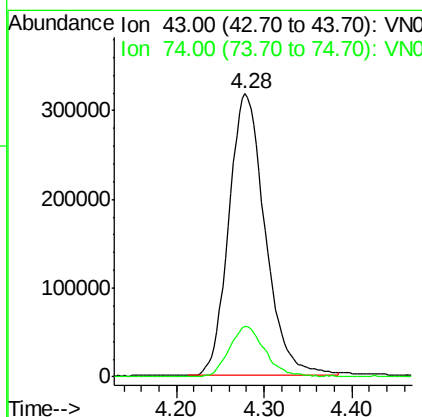
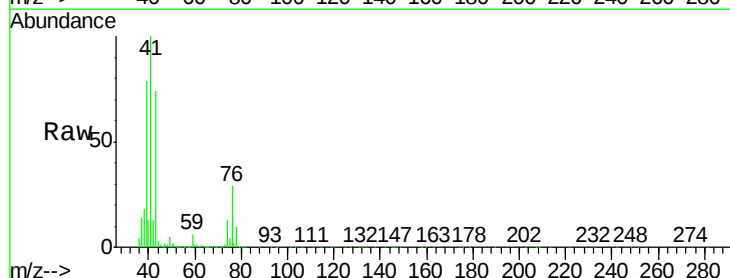
Manual Integrations
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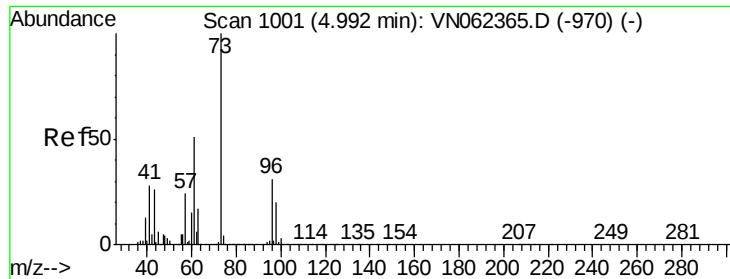
MMDadoda
7/7/2020 10:08:31 AM



#18
Methyl Acetate
Concen: 68.781 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 43 Resp: 914417
Ion Ratio Lower Upper
43 100
74 17.8 14.2 21.4





#19

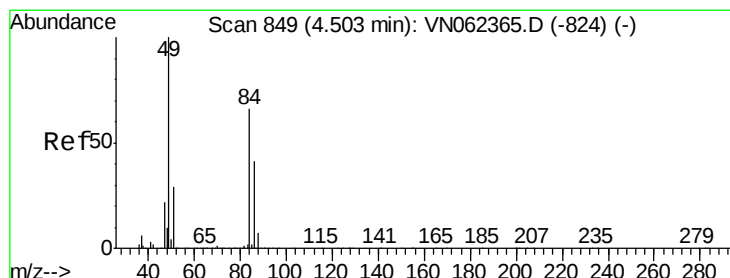
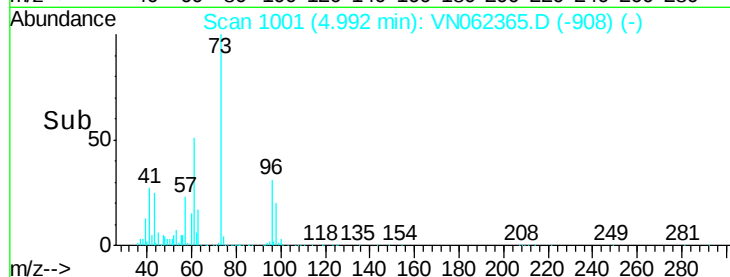
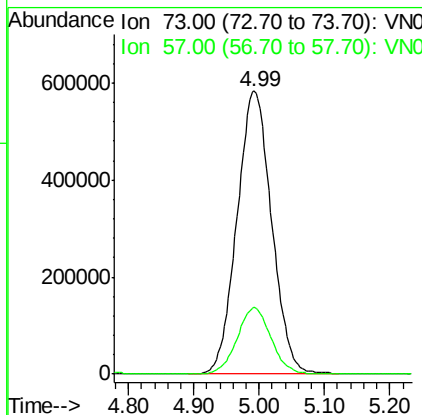
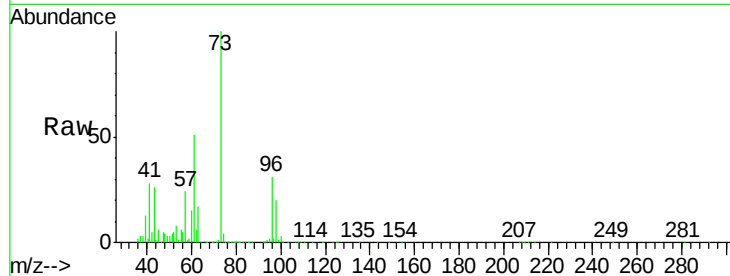
Methyl tert-butyl Ether
 Concen: 53.166 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 73 Resp: 2148209
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.9 28.3

Manual Integrations
 APPROVED

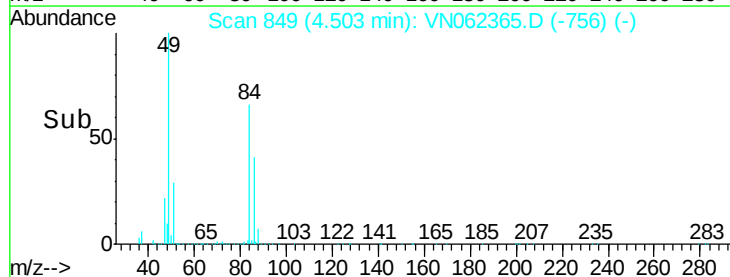
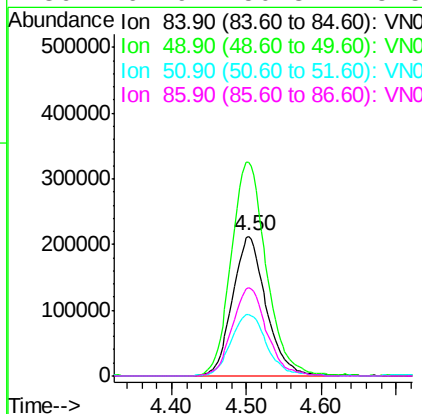
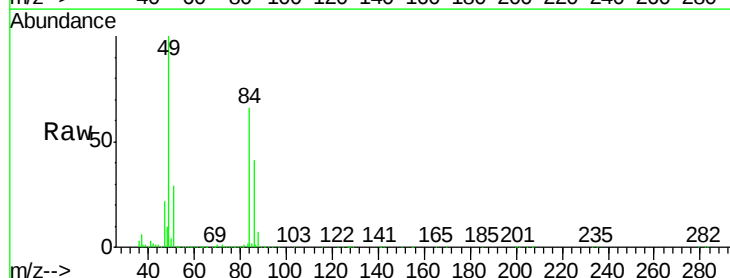
MMDadoda
 7/7/2020 10:08:31 AM

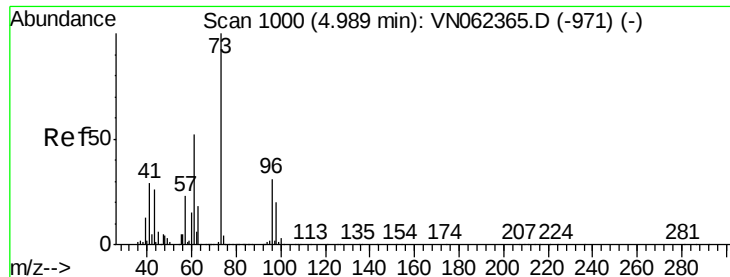


#20

Methylene Chloride
 Concen: 43.725 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 84 Resp: 665387
 Ion Ratio Lower Upper
 84 100
 49 152.2 121.8 182.6
 51 43.7 35.0 52.4
 86 62.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 42.404 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

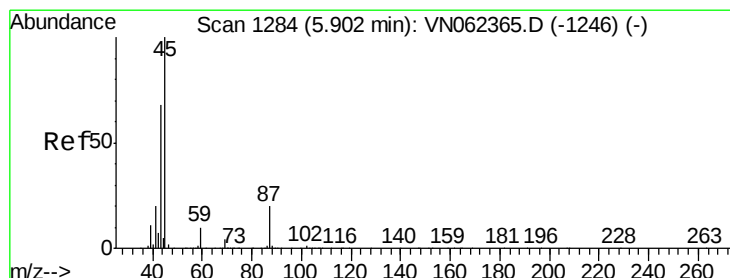
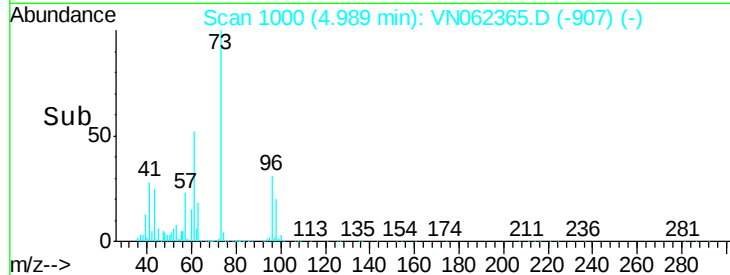
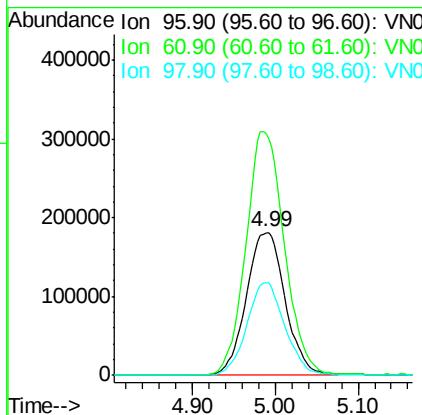
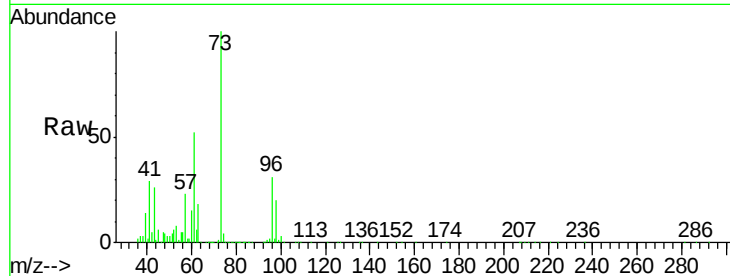
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	589972
Ion	Ratio	Lower	Upper
96	100		
61	168.4	134.7	202.1
98	65.3	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 66.223 ug/l

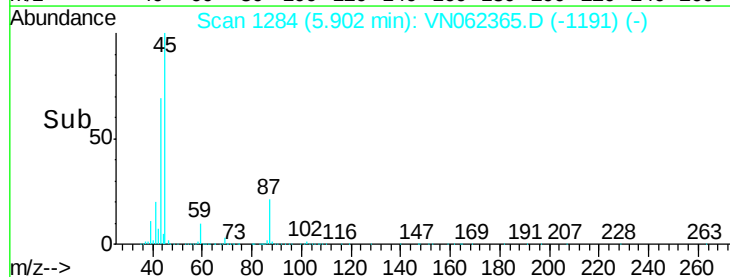
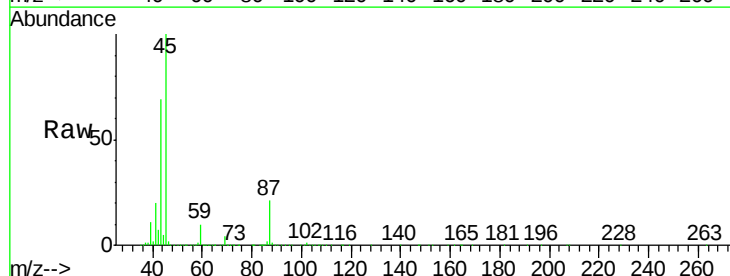
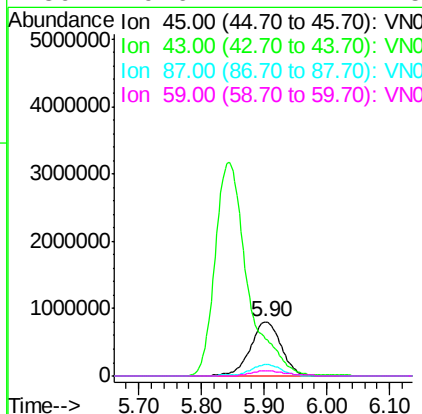
RT: 5.90 min Scan# 1284

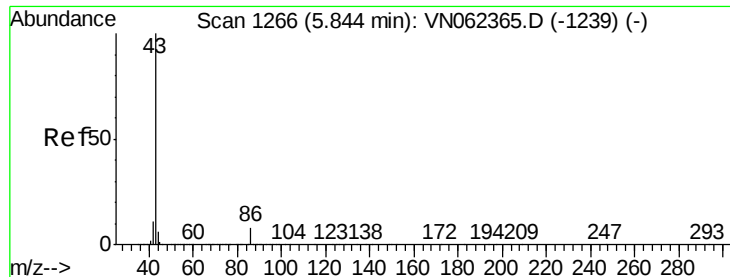
Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Tgt Ion:	45	Resp:	2753817
Ion	Ratio	Lower	Upper
45	100		
43	68.2	54.6	81.8
87	20.7	16.6	24.8
59	9.6	7.7	11.5





#23

Vinyl Acetate

Concen: 337.811 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 11433926

Ion Ratio Lower Upper

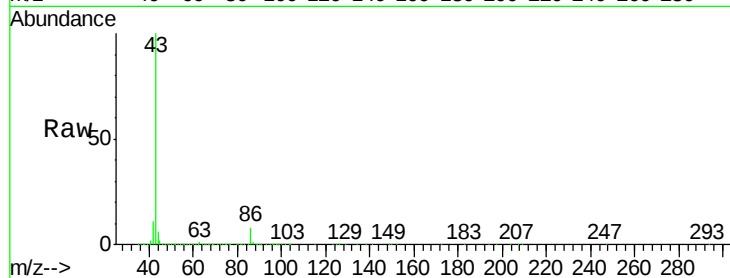
43 100

86 8.2 6.6 9.8

Manual Integrations
APPROVED

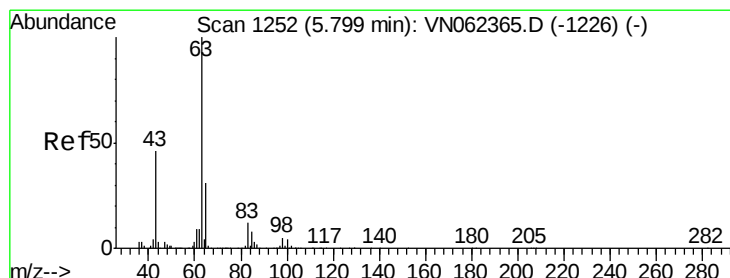
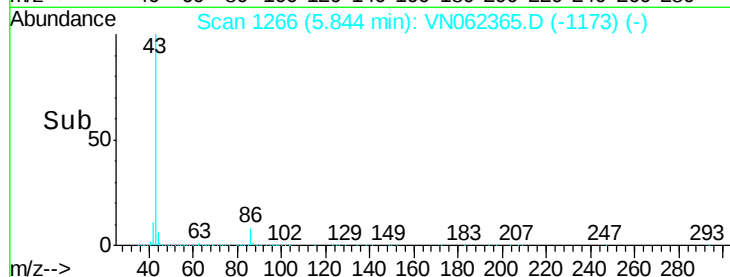
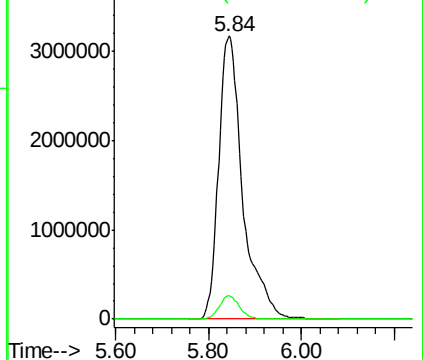
MMDadoda

7/7/2020 10:08:31 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.293 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

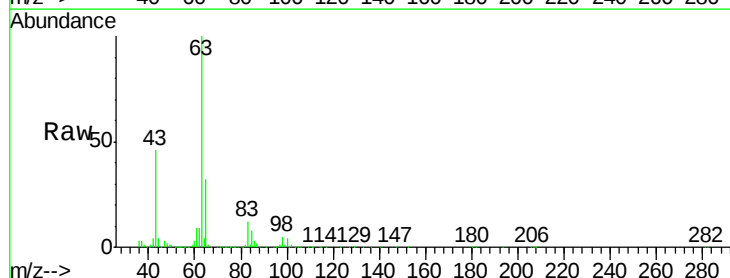
Tgt Ion: 63 Resp: 1326122

Ion Ratio Lower Upper

63 100

98 5.2 2.6 7.8

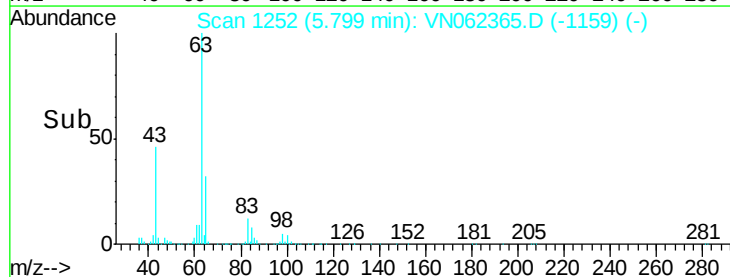
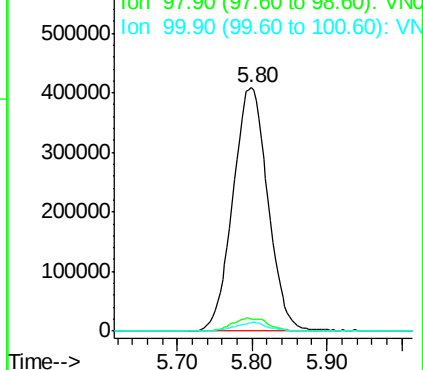
100 3.5 1.8 5.3

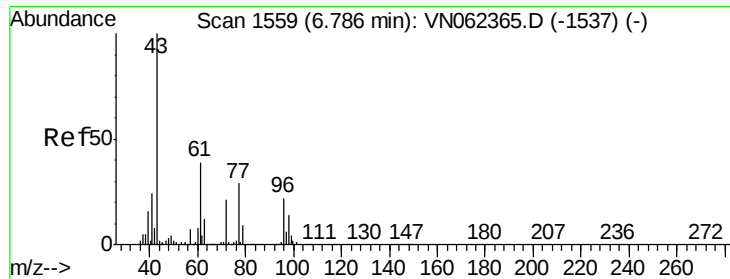


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 358.085 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 2919483

Ion Ratio Lower Upper

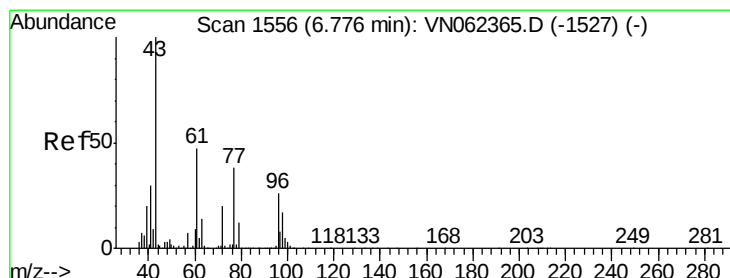
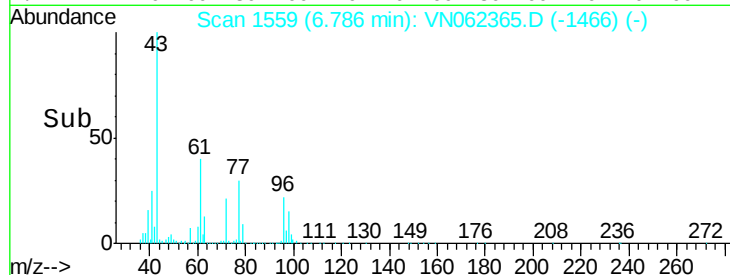
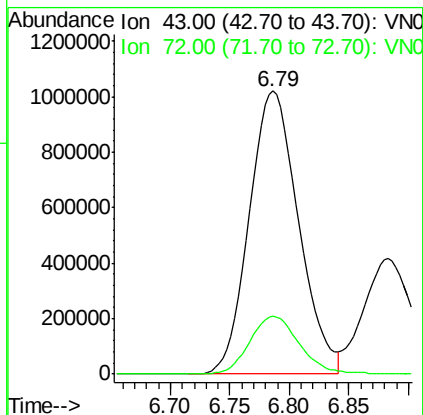
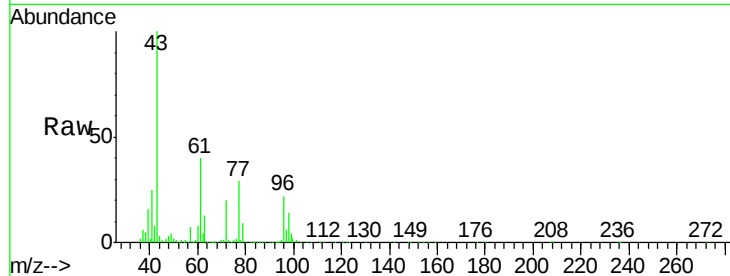
43 100

72 20.5 16.4 24.6

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#26

2,2-Dichloropropane

Concen: 51.476 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062365.D

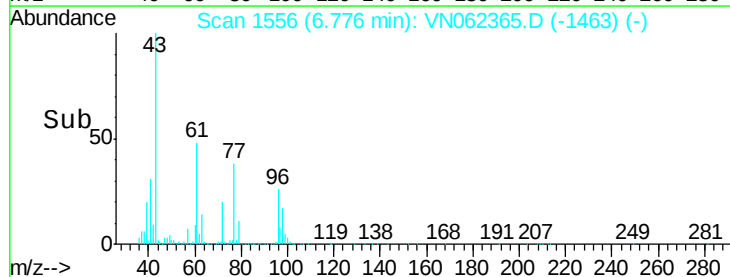
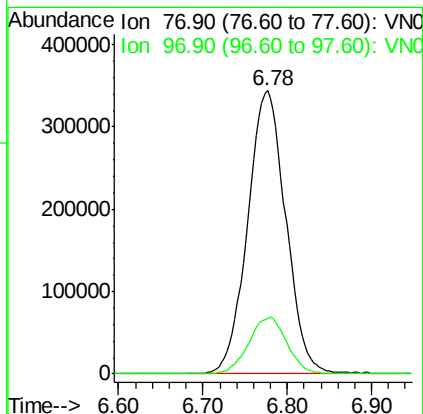
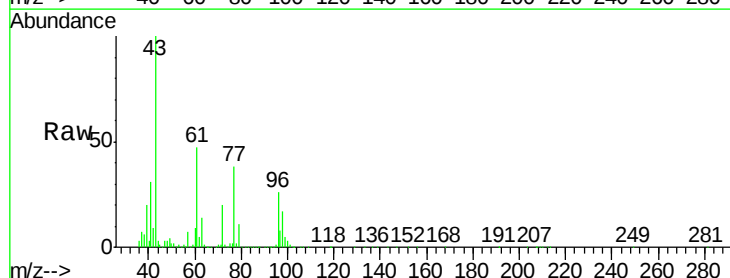
Acq: 6 Jul 2020 13:38

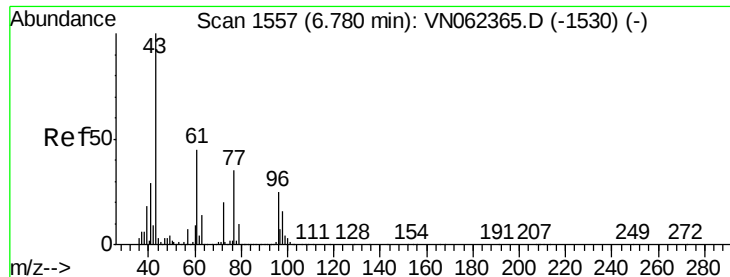
Tgt Ion: 77 Resp: 1079052

Ion Ratio Lower Upper

77 100

97 20.1 10.1 30.1





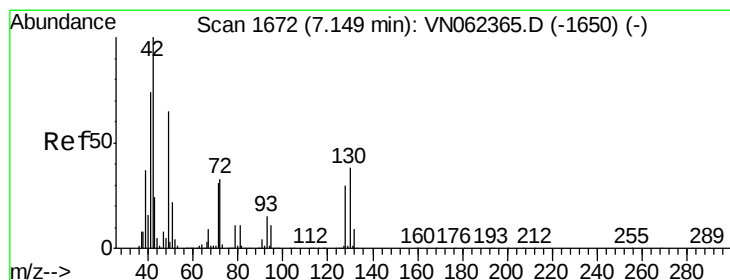
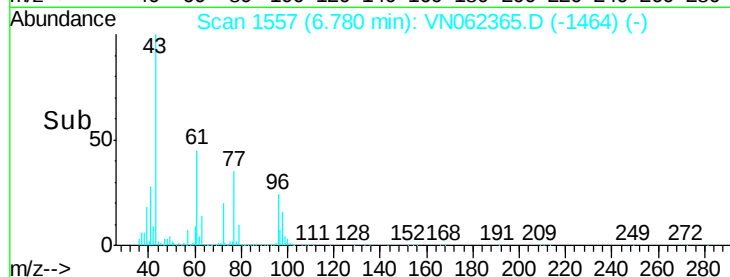
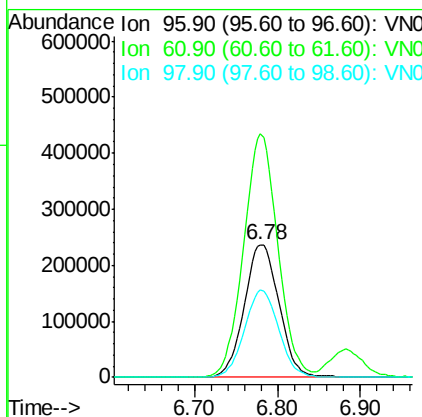
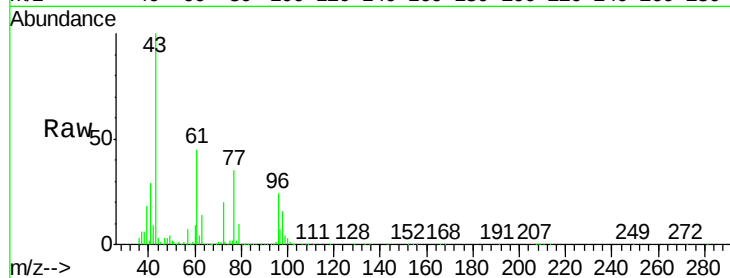
#27
 cis-1,2-Dichloroethene
 Concen: 43.925 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	691084		
61	179.4	0.0	358.8	
98	65.3	0.0	130.6	

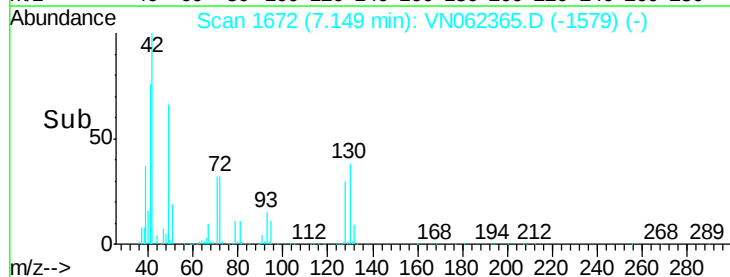
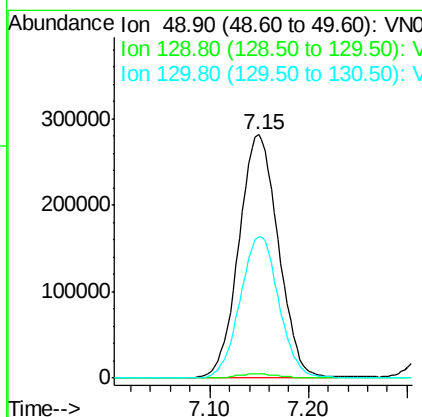
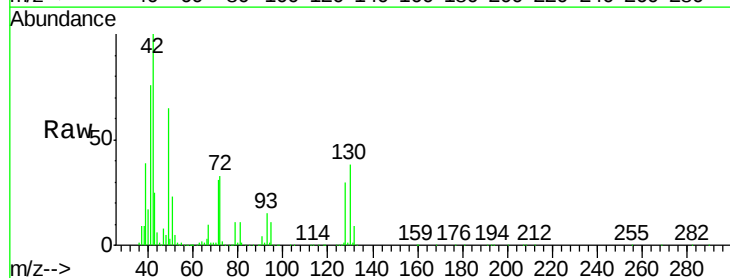
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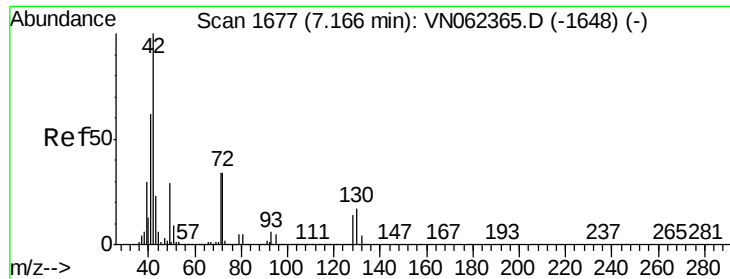
MMDadoda
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#28
 Bromochloromethane
 Concen: 66.609 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	777126		
129	1.8	0.0	3.6	
130	57.3	45.8	68.8	





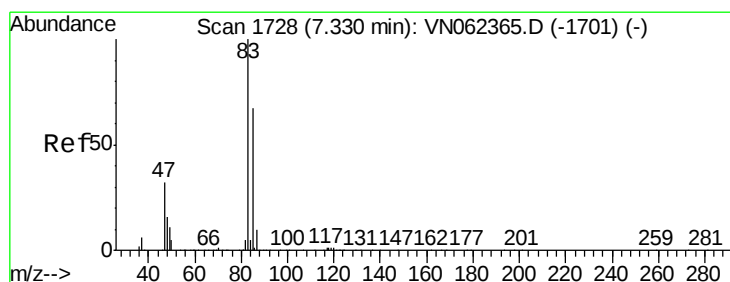
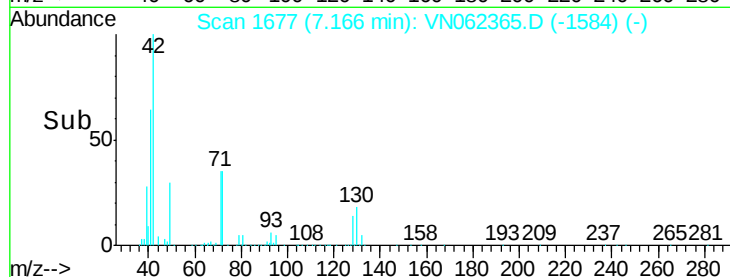
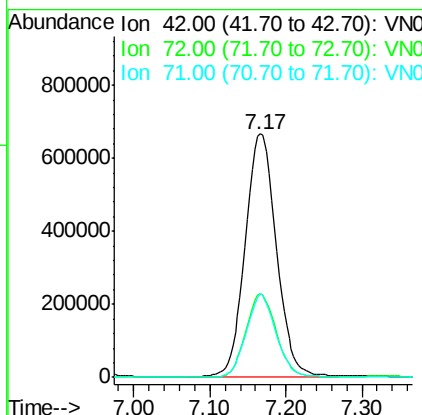
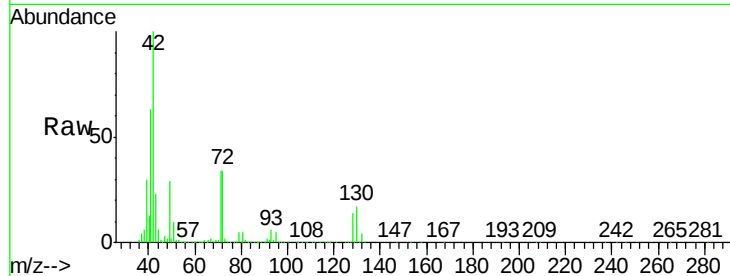
#29
Tetrahydrofuran
Concen: 358.251 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.5	26.8	40.2
71	32.5	26.0	39.0

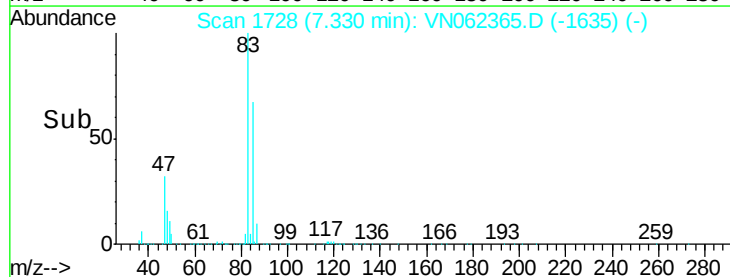
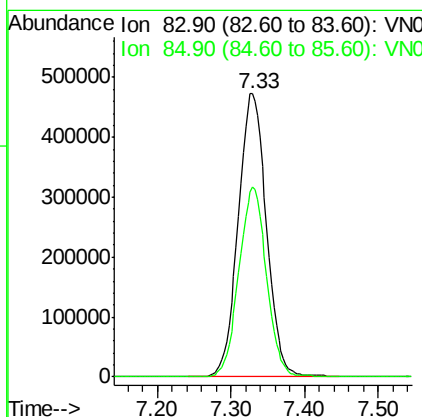
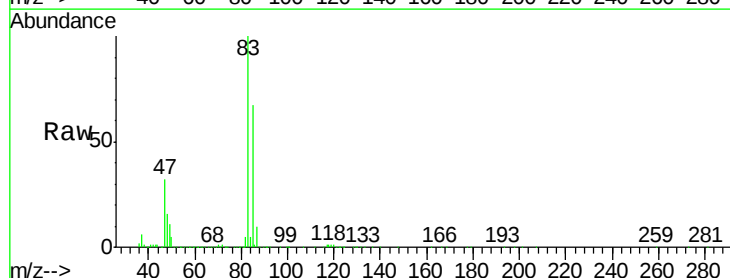
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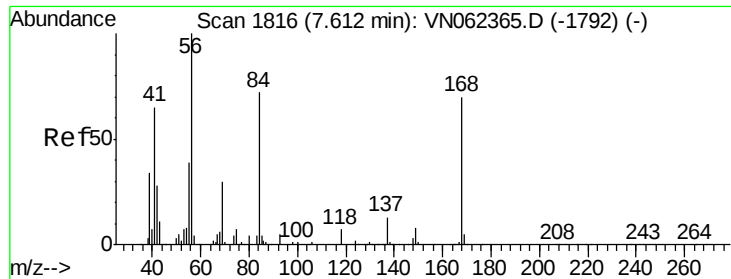
MMDadoda
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#30
Chloroform
Concen: 49.605 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.6	80.4





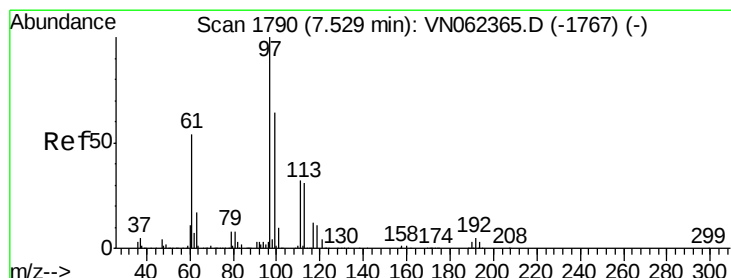
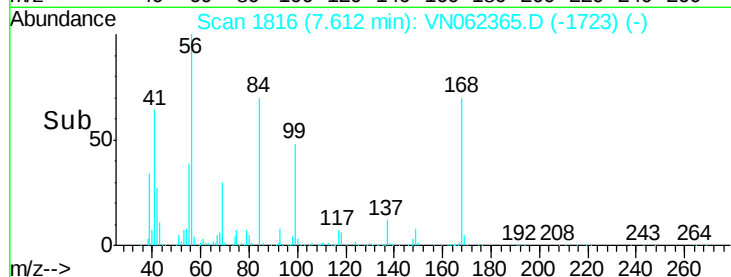
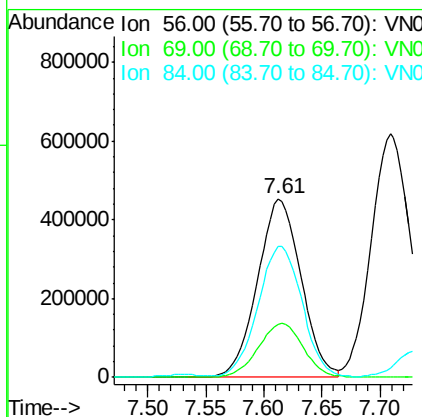
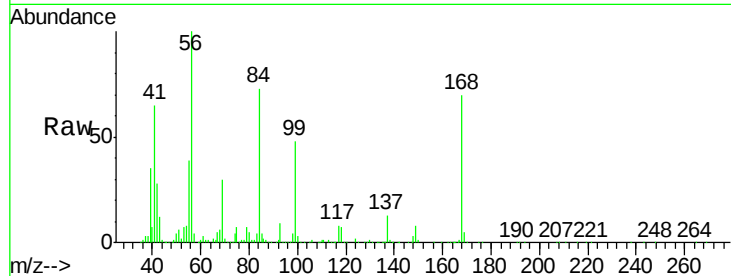
#31
Cyclohexane
Concen: 54.258 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 56 Resp: 1181497
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 71.5 57.2 85.8

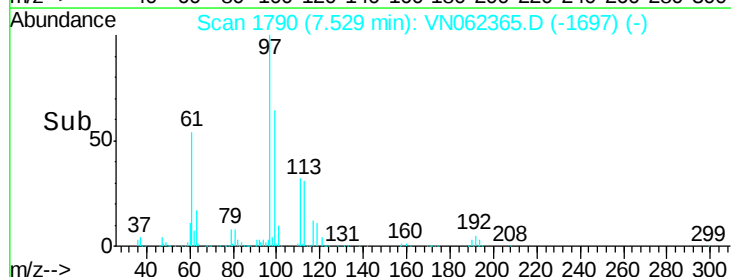
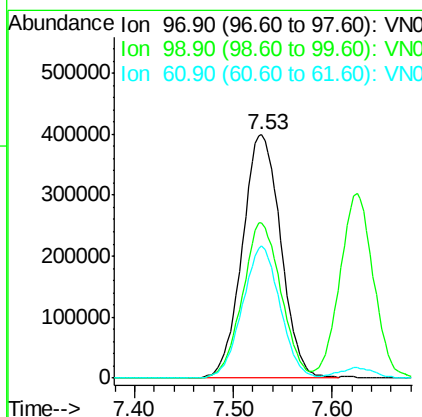
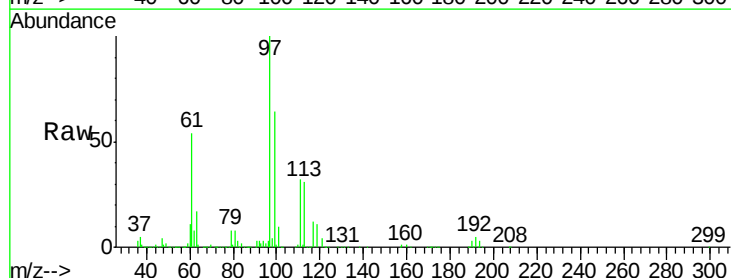
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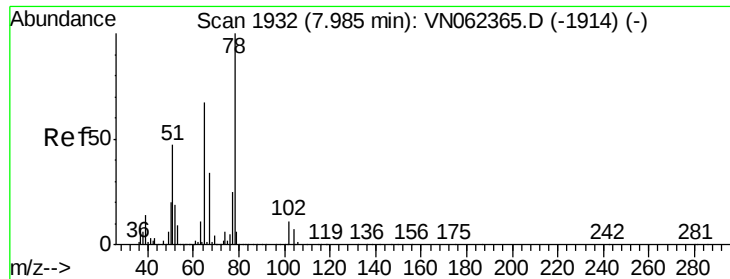
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#32
1,1,1-Trichloroethane
Concen: 50.025 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 97 Resp: 1074392
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 53.1 42.5 63.7





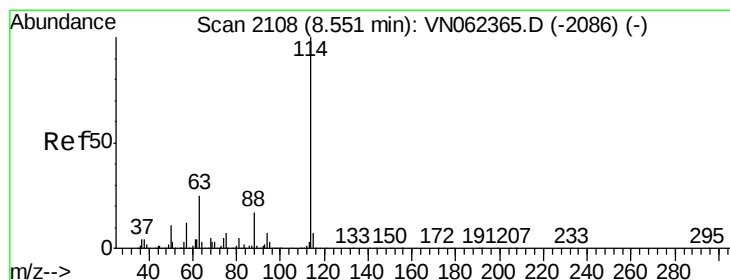
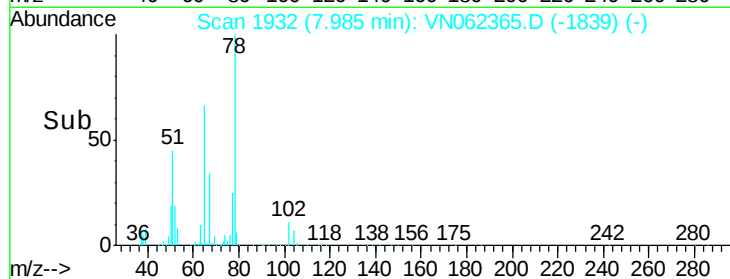
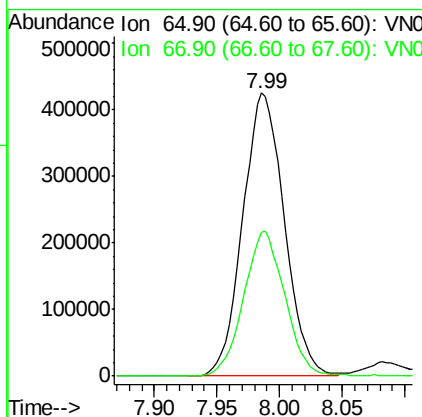
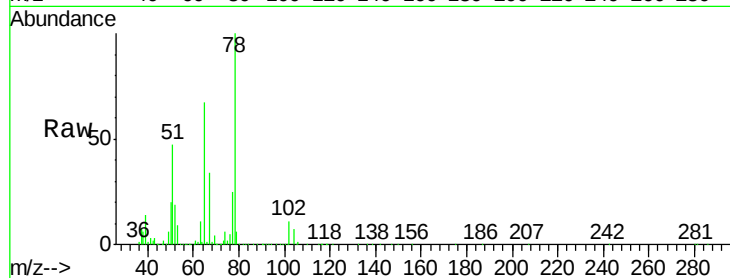
#33
 1,2-Dichloroethane-d4
 Concen: 60.102 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.5	0.0	101.0	

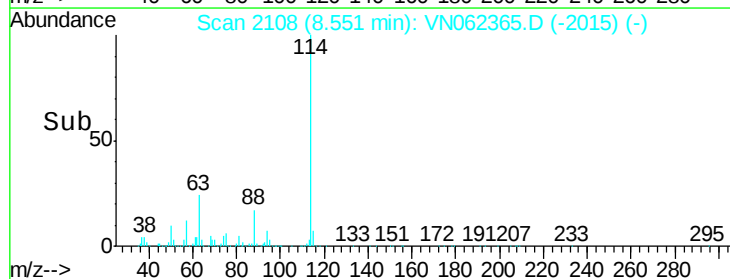
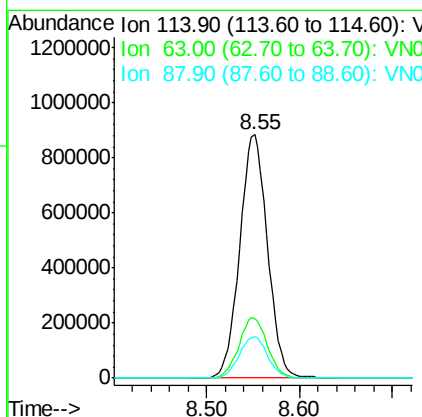
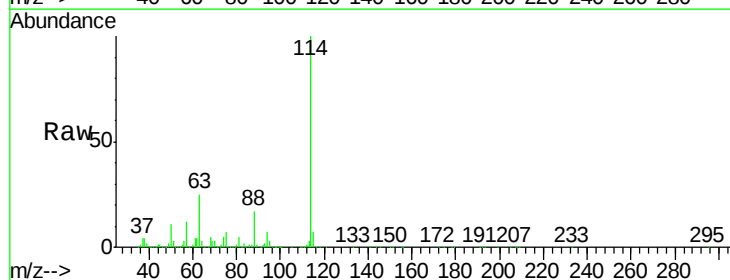
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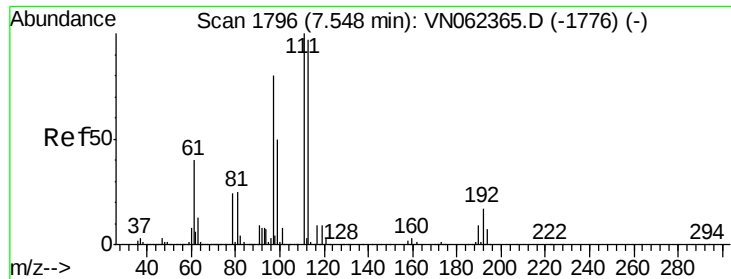
MMDadoda
 7/7/2020 10:08:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.5	0.0	49.0	
88	17.0	0.0	34.0	





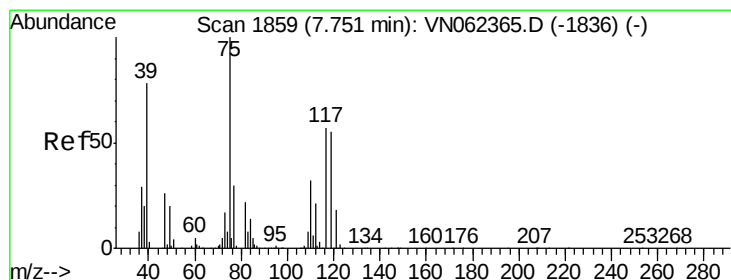
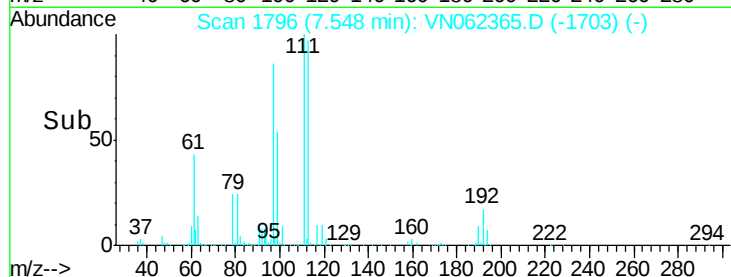
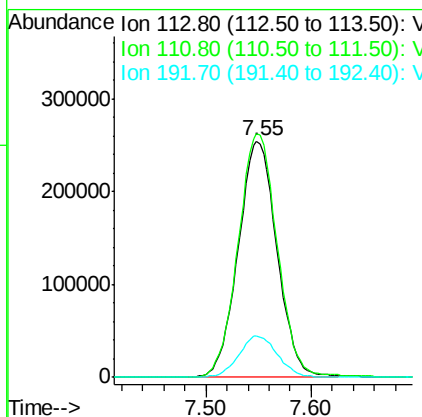
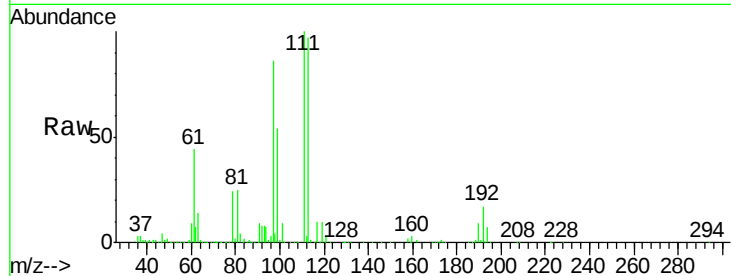
#35
 Dibromofluoromethane
 Concen: 53.316 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	649298		
111	104.0	83.2	124.8	
192	17.7	14.2	21.2	

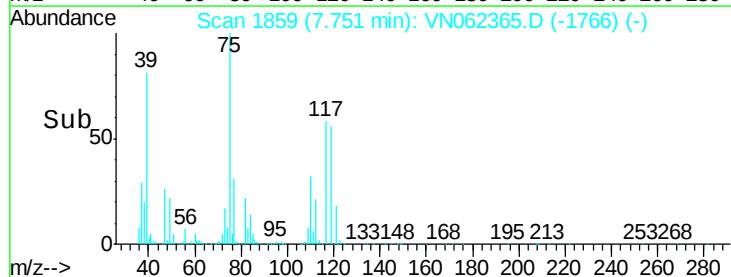
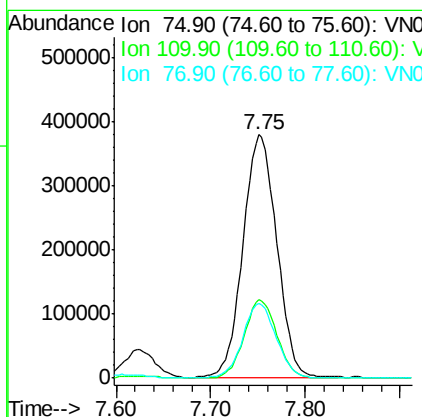
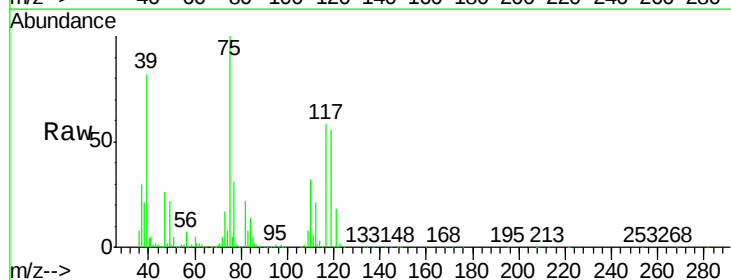
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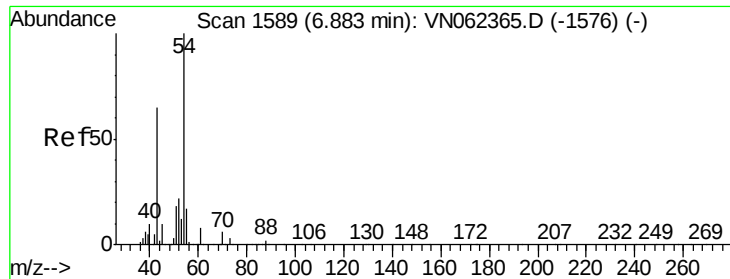
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#36
 1,1-Dichloropropene
 Concen: 50.219 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	938028		
110	31.4	15.7	47.1	
77	30.4	24.3	36.5	





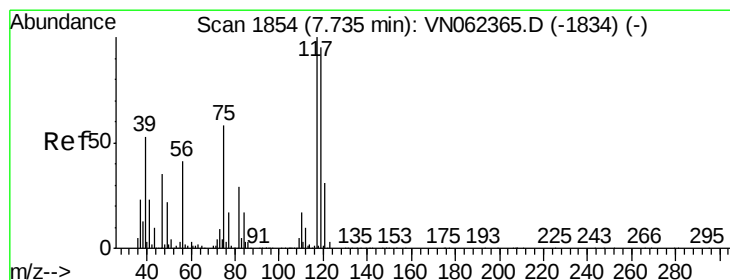
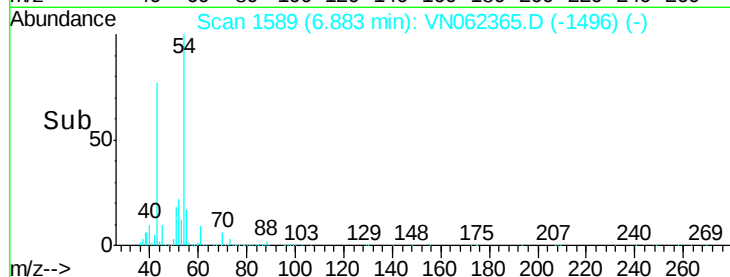
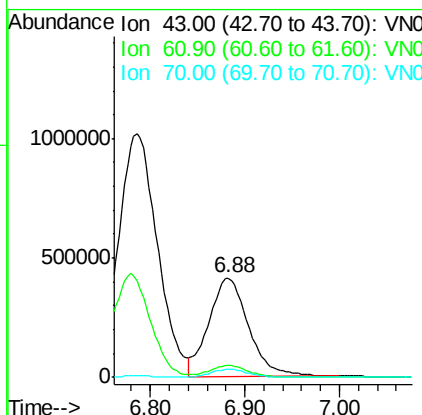
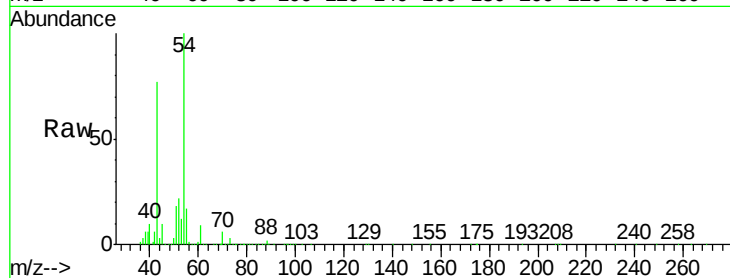
#37
Ethyl Acetate
Concen: 71.674 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.0	8.8	13.2
70	7.8	6.2	9.4

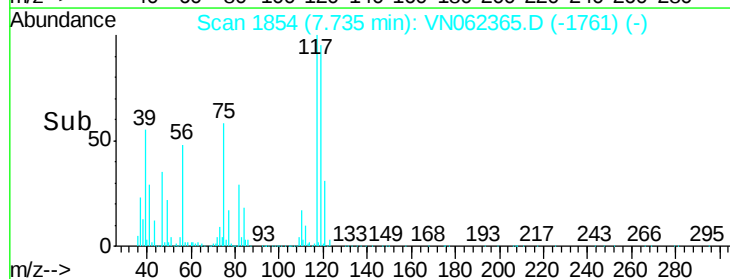
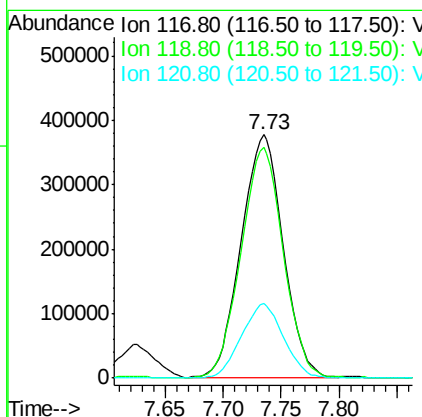
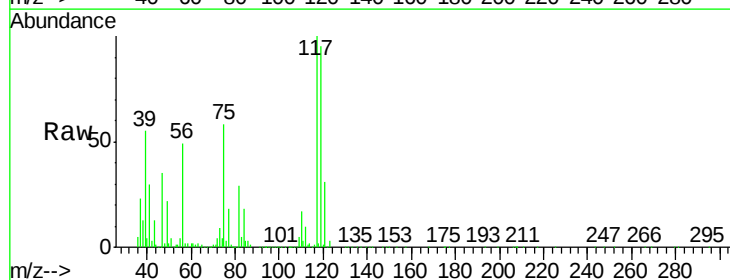
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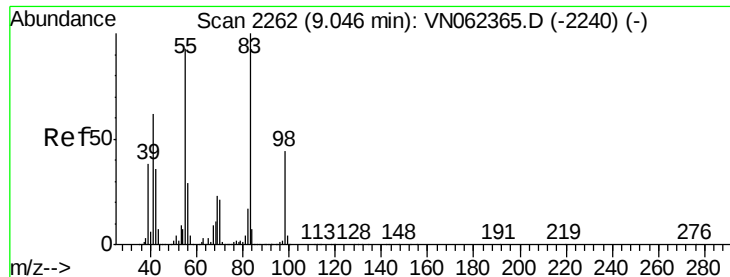
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#38
Carbon Tetrachloride
Concen: 53.271 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.9	113.9
121	30.7	24.6	36.8





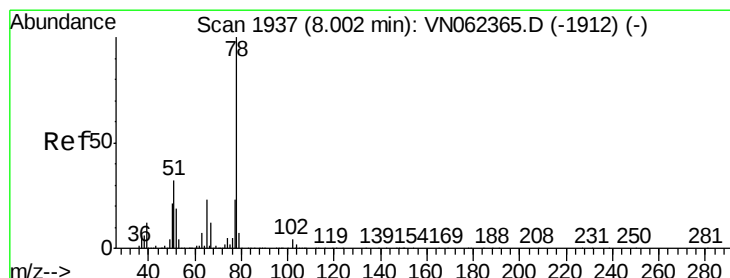
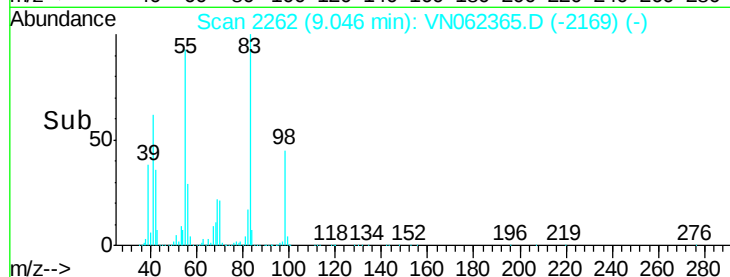
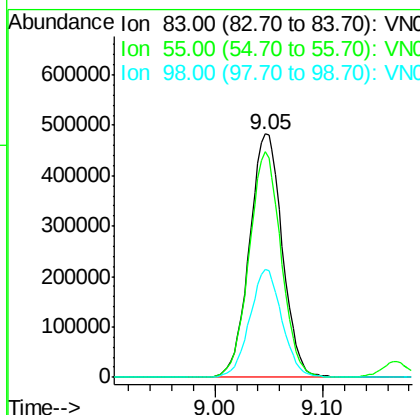
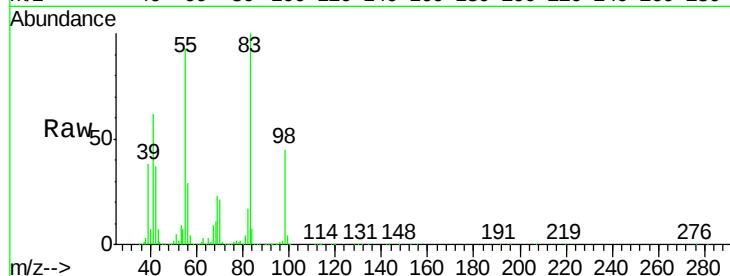
#39
Methylvlcvclohexane
Concen: 50.078 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 1019373
Ion Ratio Lower Upper
83 100
55 92.6 74.1 111.1
98 44.5 35.6 53.4

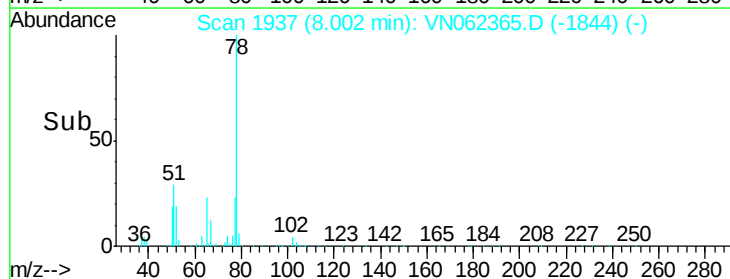
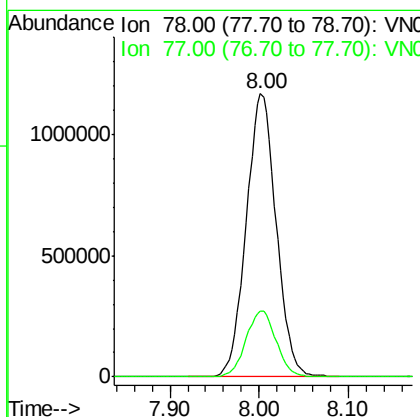
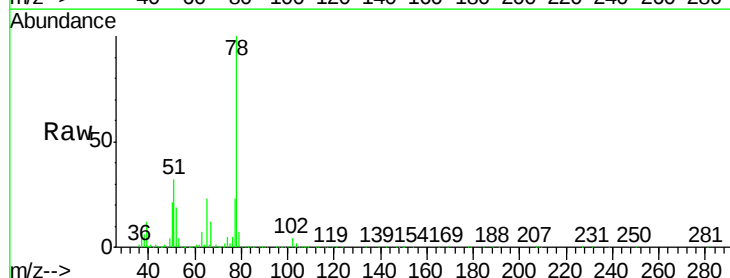
Manual Integrations
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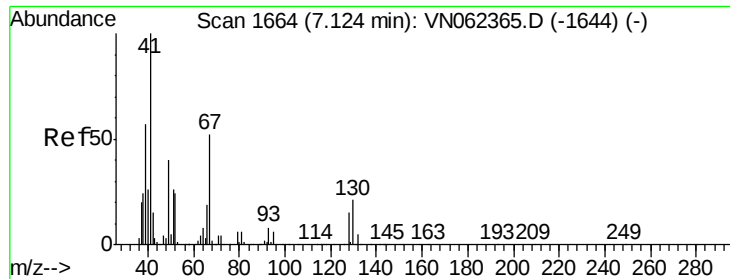
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#40
Benzene
Concen: 48.344 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 78 Resp: 2726858
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0





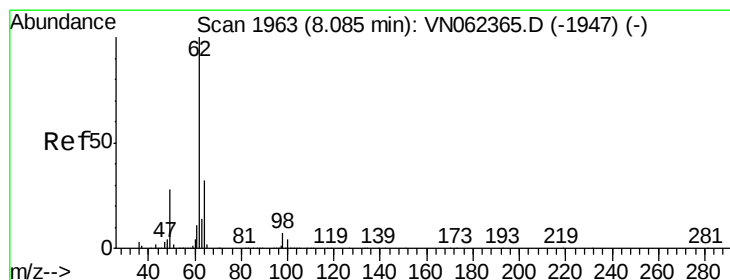
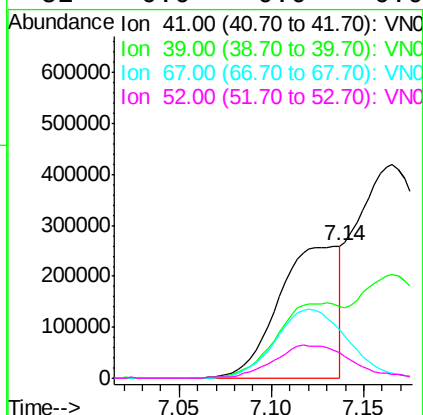
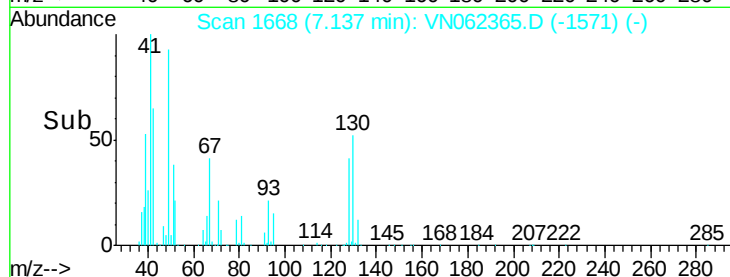
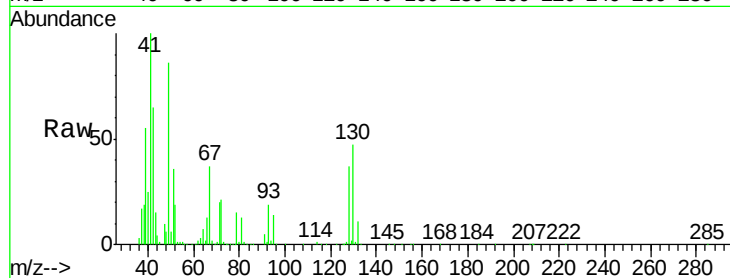
#41
Methacrylonitrile
Concen: 77.429 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

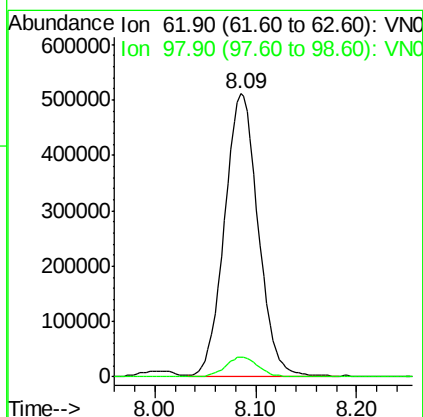
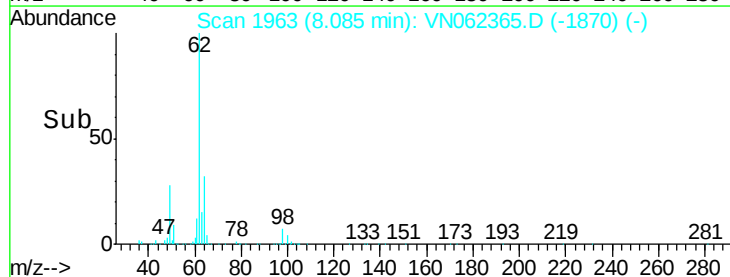
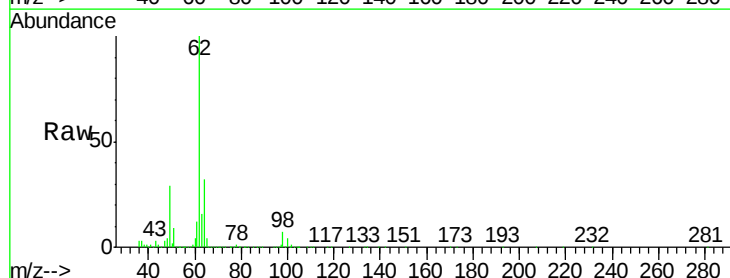
Manual Integrations
APPROVED

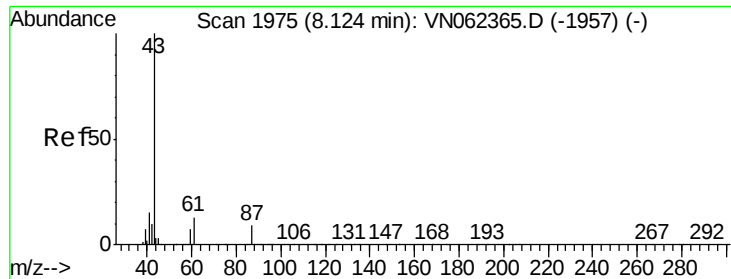
MMDadoda
7/7/2020 10:08:31 AM



#42
1,2-Dichloroethane
Concen: 59.297 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	13.4





#43

Isopropyl Acetate

Concen: 72.085 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1980765

Ion Ratio Lower Upper

43 100

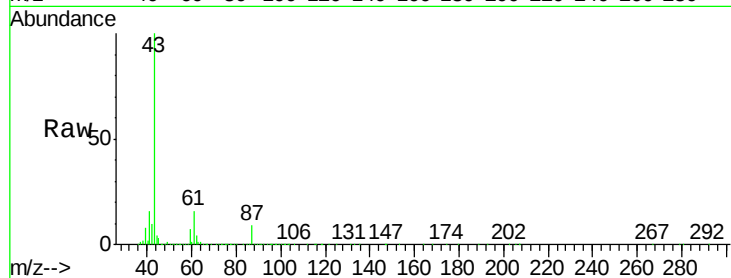
61 16.4 13.1 19.7

87 9.4 7.5 11.3

Manual Integrations
APPROVED

MMDadoda

7/7/2020 10:08:31 AM

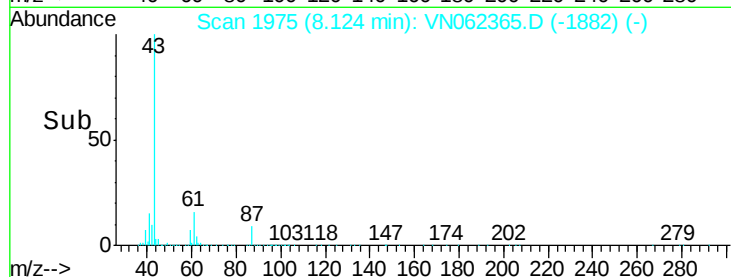


Abundance Ion 43.00 (42.70 to 43.70): VN062365.D (-1957) (-)

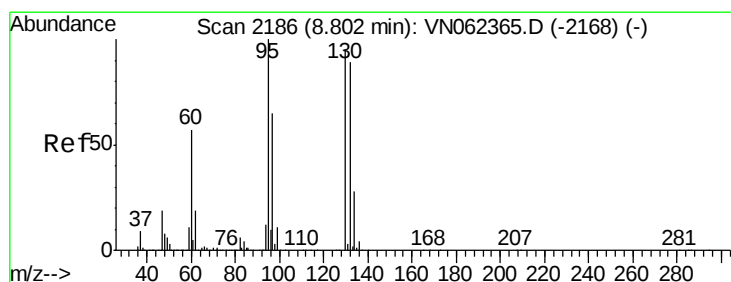
Ion 61.00 (60.70 to 61.70): VN062365.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062365.D (-1957) (-)

Time-->



Time-->



#44

Trichloroethene

Concen: 44.698 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062365.D

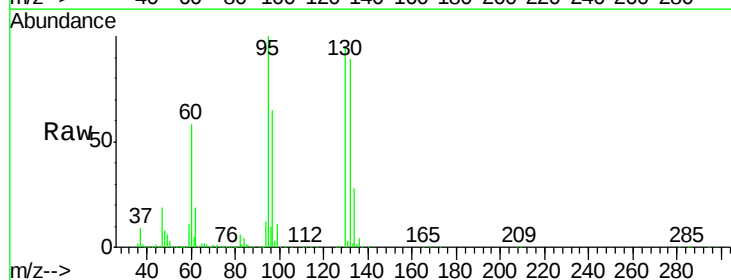
Acq: 6 Jul 2020 13:38

Tgt Ion: 130 Resp: 629698

Ion Ratio Lower Upper

130 100

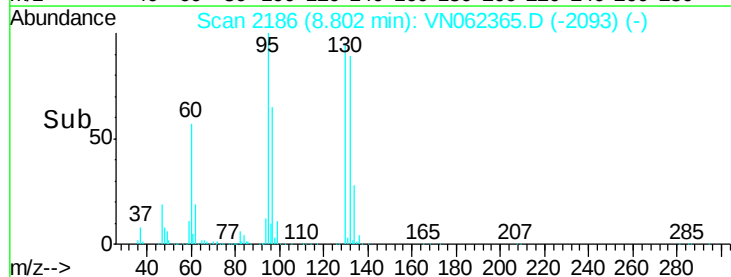
95 104.9 0.0 209.8



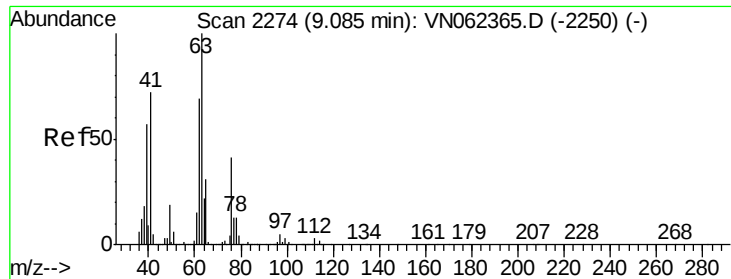
Abundance Ion 129.80 (129.50 to 130.50): VN062365.D (-2168) (-)

Ion 94.90 (94.60 to 95.60): VN062365.D (-2168) (-)

Time-->



Time-->



#45

1,2-Dichloropropane

Concen: 55.378 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 792209

Ion Ratio Lower Upper

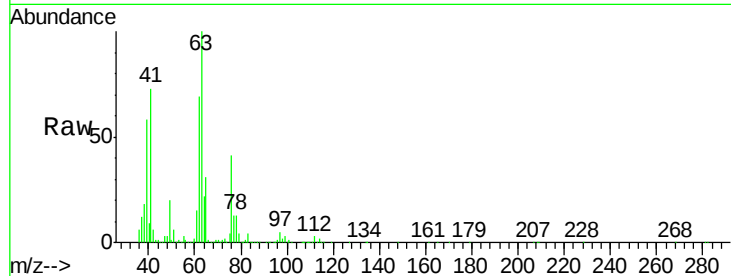
63 100

65 30.3 24.2 36.4

Manual Integrations
APPROVED

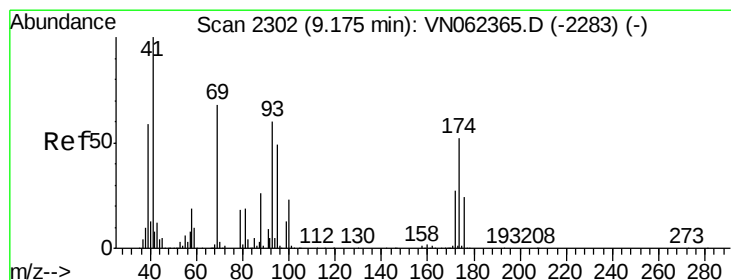
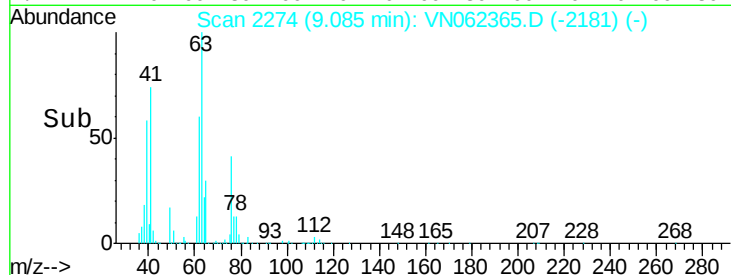
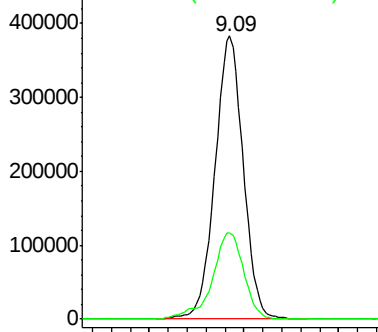
MMDadoda

7/7/2020 10:08:31 AM



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 51.045 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

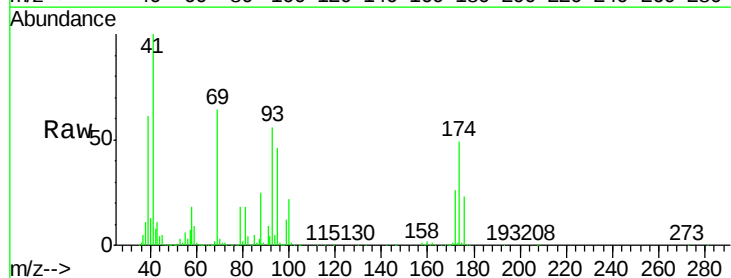
Tgt Ion: 93 Resp: 486013

Ion Ratio Lower Upper

93 100

95 81.0 64.8 97.2

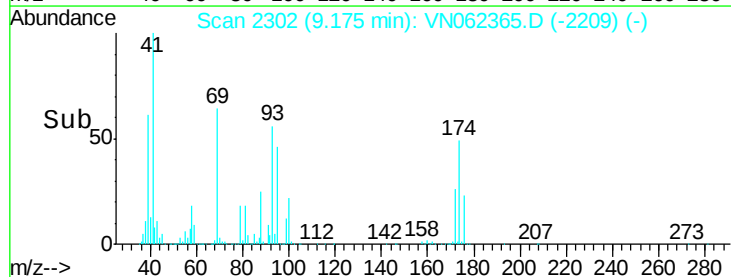
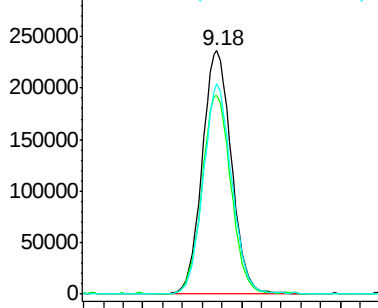
174 84.5 67.6 101.4

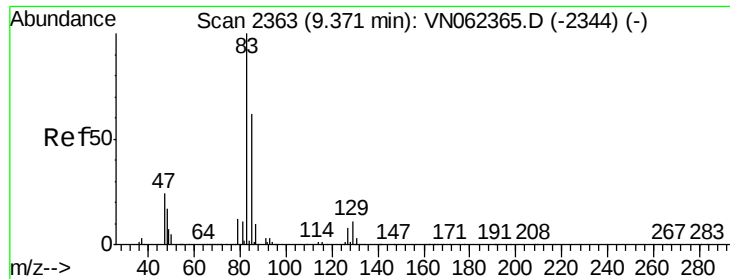


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 54.105 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 1048926

Ion Ratio Lower Upper

83 100

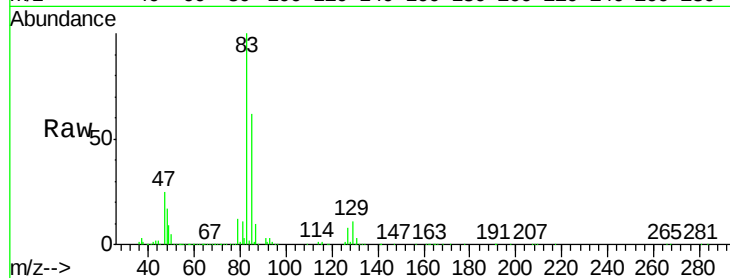
85 62.2 49.8 74.6

127 7.7 6.2 9.2

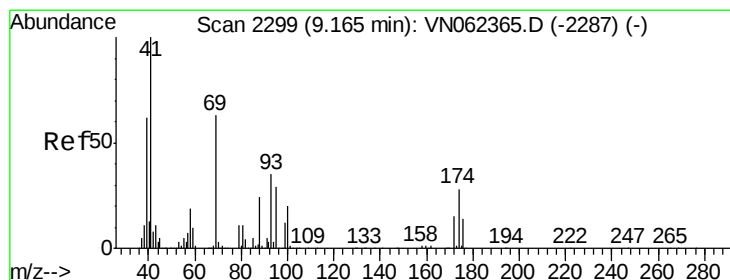
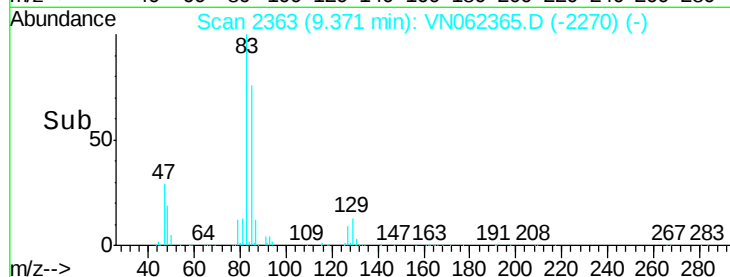
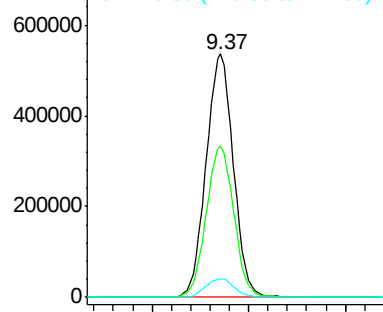
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 78.611 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

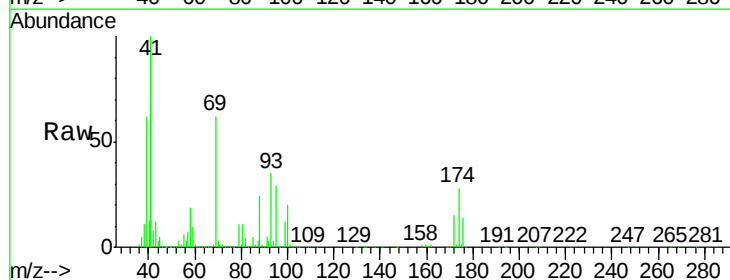
Tgt Ion: 41 Resp: 992461

Ion Ratio Lower Upper

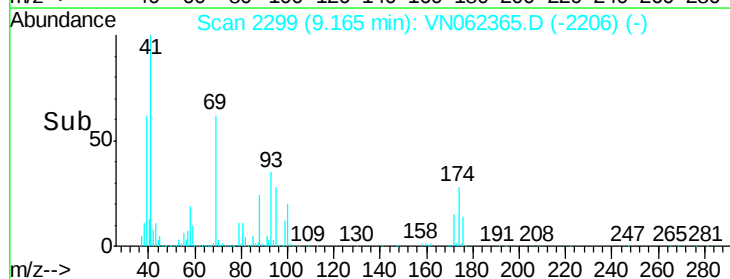
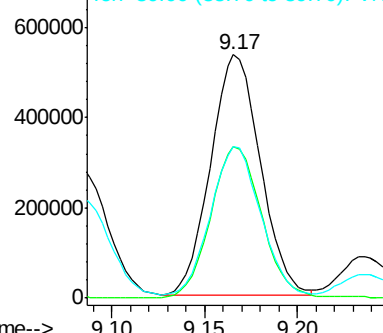
41 100

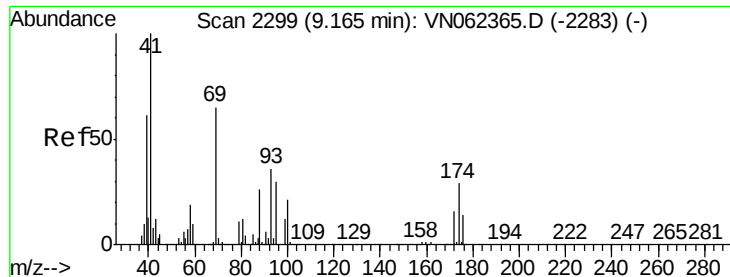
69 64.4 51.5 77.3

39 64.0 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





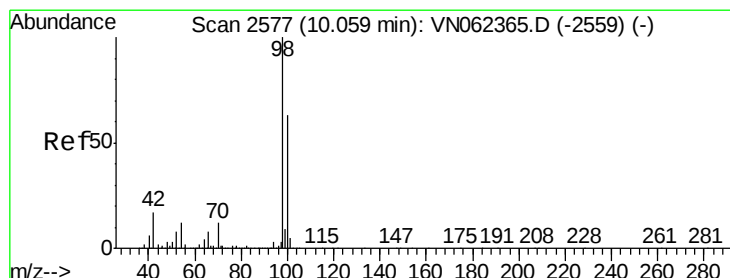
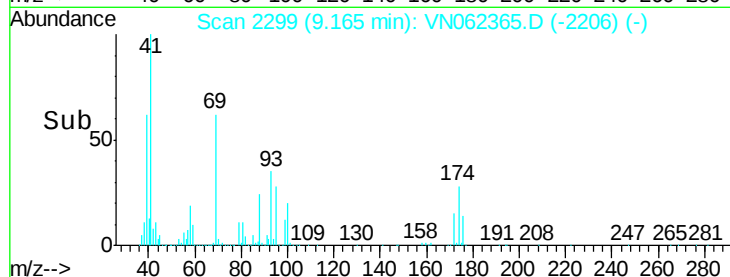
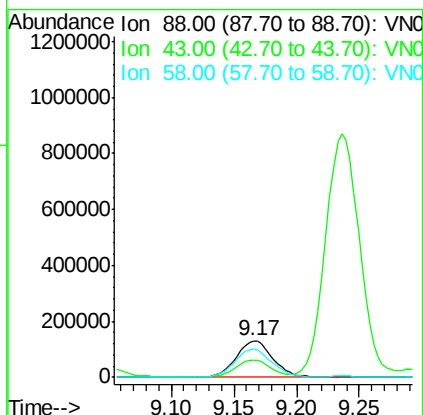
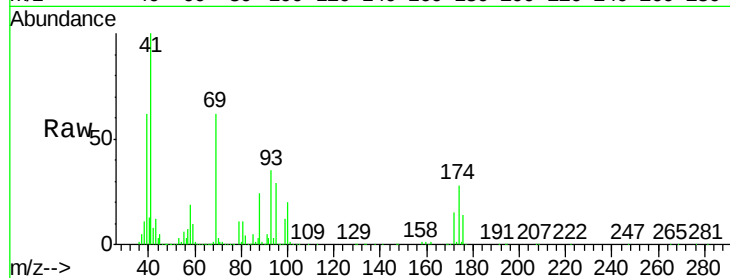
#49
1,4-Dioxane
Concen: 1071.679 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.5	34.0	51.0
58	78.7	63.0	94.4

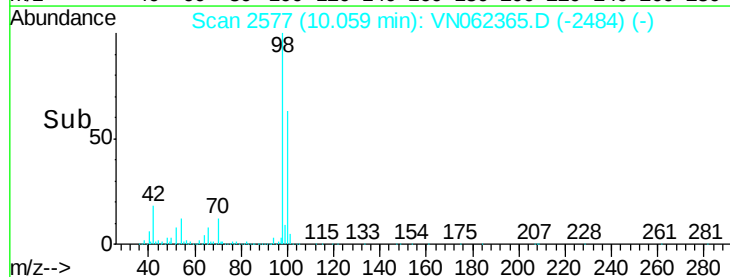
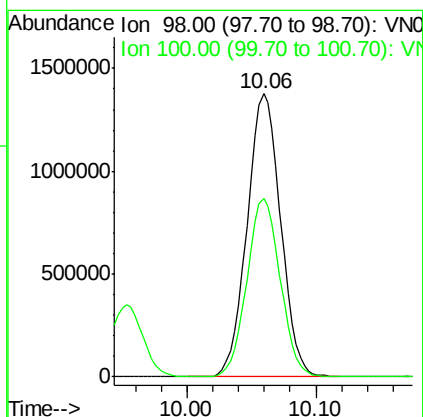
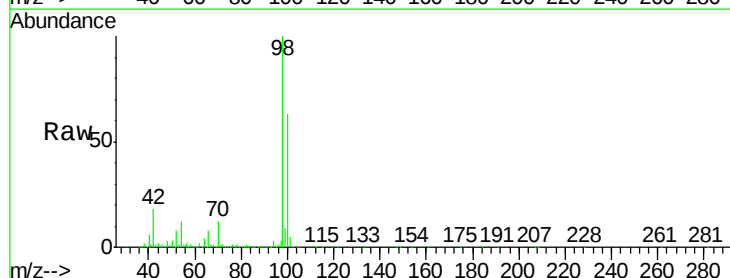
Manual Integrations
APPROVED

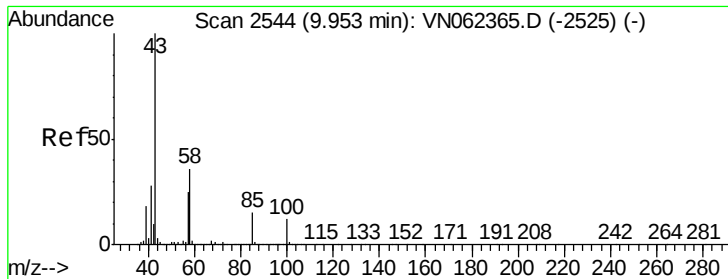
MMDadoda
7/7/2020 10:08:31 AM



#50
Toluene-d8
Concen: 51.712 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.2	75.2





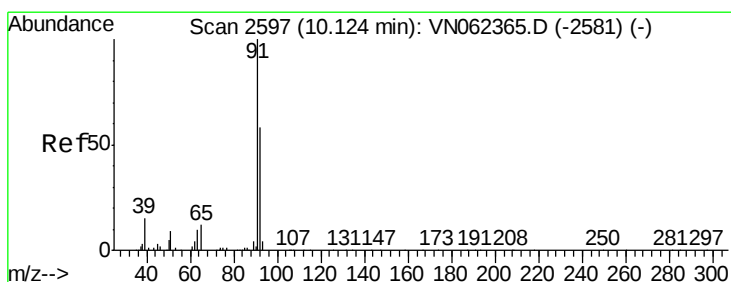
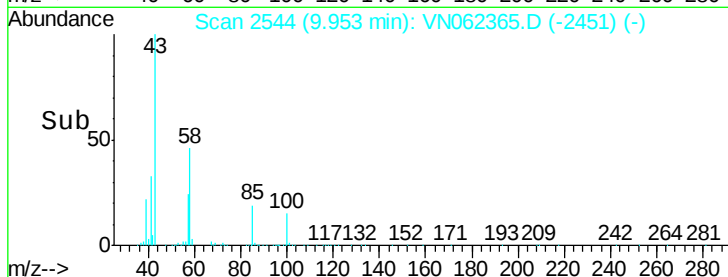
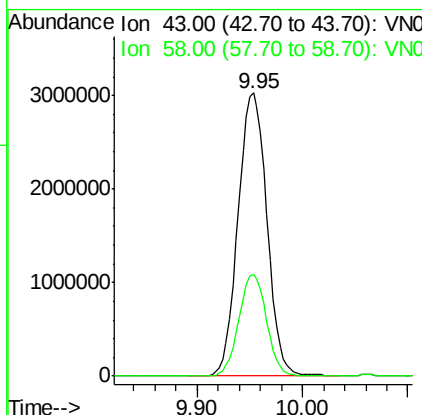
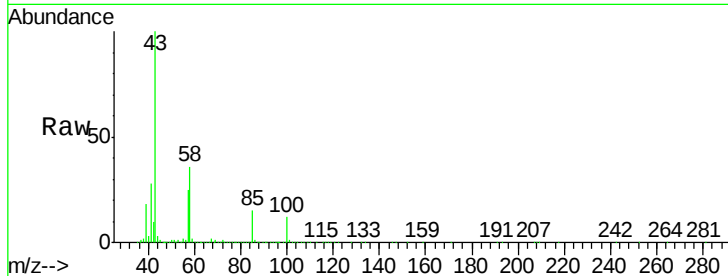
#51
4-Methyl-2-Pentanone
Concen: 361.046 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 5745550
Ion Ratio Lower Upper
43 100
58 34.5 27.6 41.4

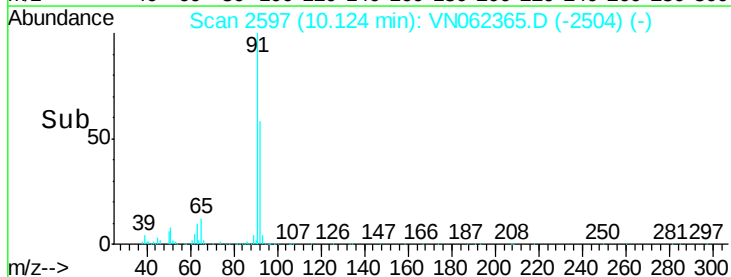
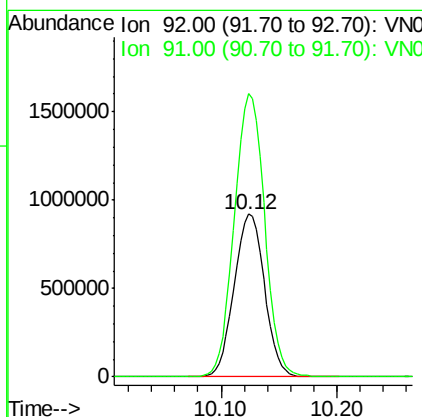
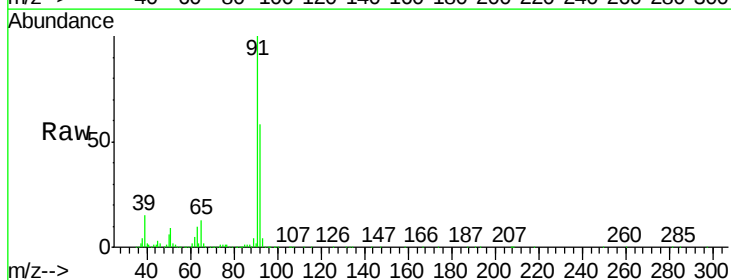
Manual Integrations
APPROVED

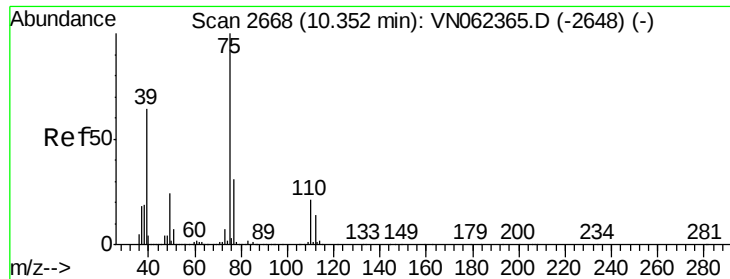
MMDadoda
7/7/2020 10:08:31 AM



#52
Toluene
Concen: 49.027 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 92 Resp: 1674486
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 55.415 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 1185585

Ion Ratio Lower Upper

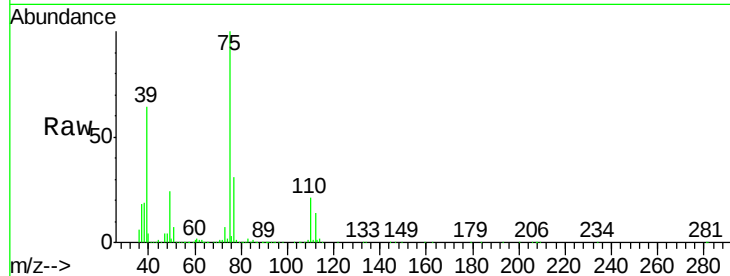
75 100

77 31.1 24.9 37.3

Manual Integrations
APPROVED

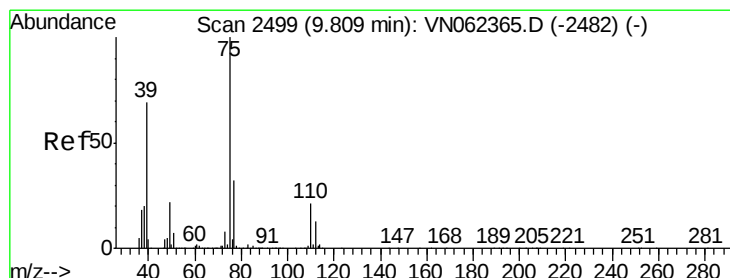
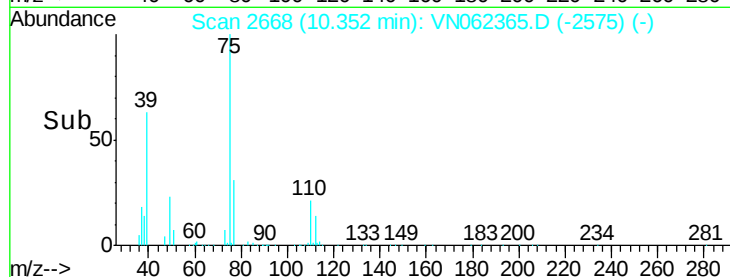
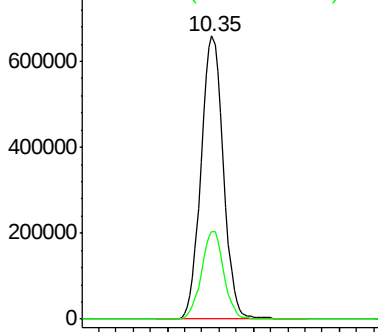
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 54.138 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

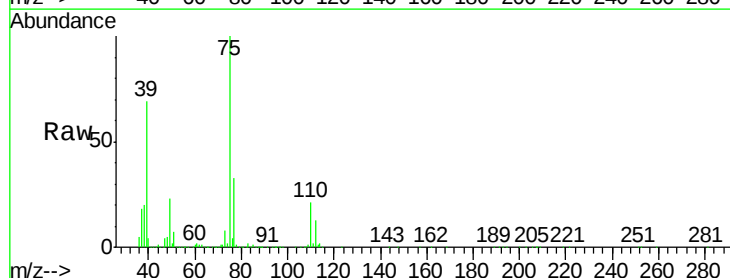
Tgt Ion: 75 Resp: 1224789

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

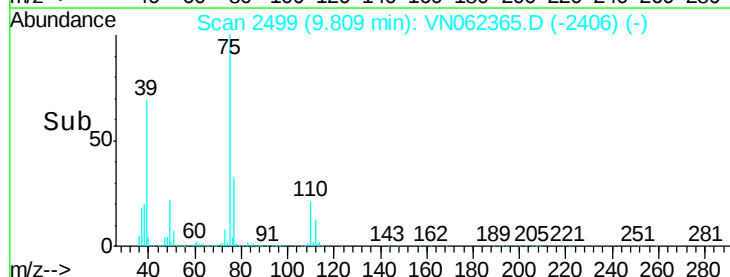
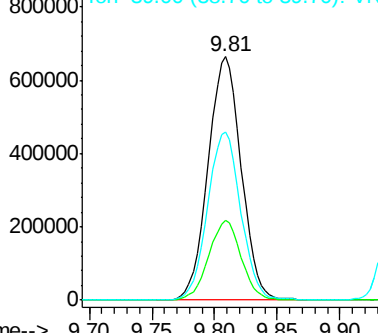
39 69.1 55.3 82.9

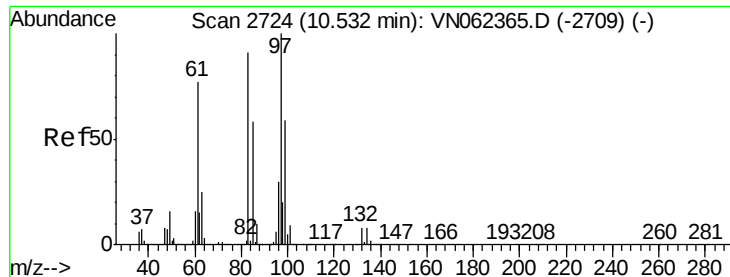


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.375 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 97 Resp: 649307

Ion Ratio Lower Upper

97 100

83 90.5 72.4 108.6

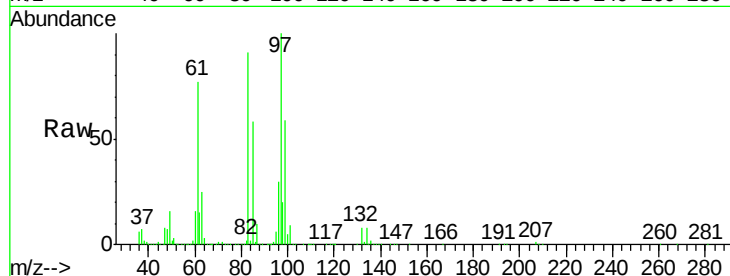
85 57.9 46.3 69.5

99 58.8 47.0 70.6

Manual Integrations
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7/7/2020 10:08:31 AM

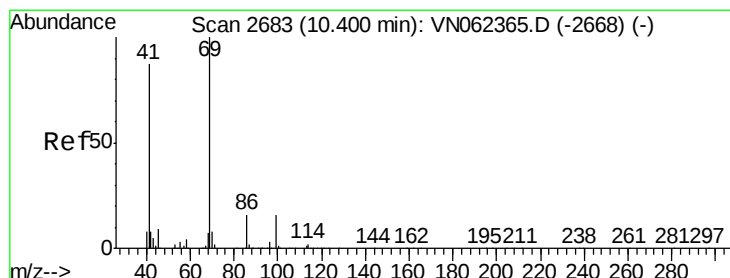
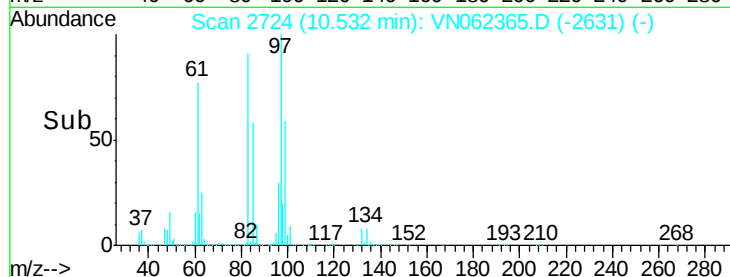
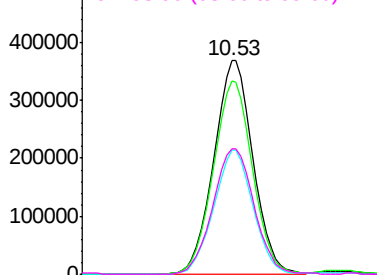


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 60.204 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

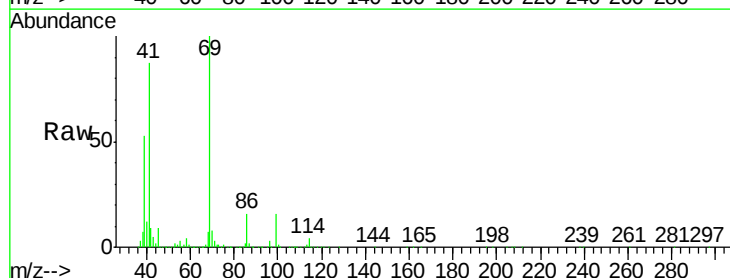
Tgt Ion: 69 Resp: 1118751

Ion Ratio Lower Upper

69 100

41 86.7 69.4 104.0

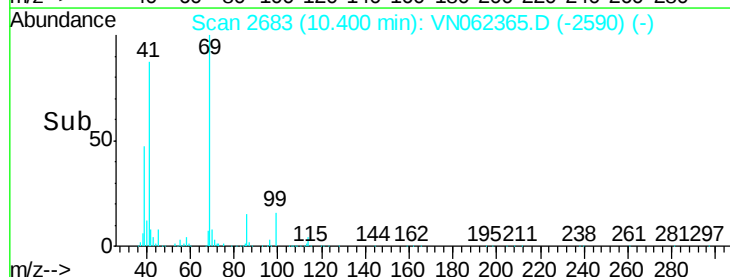
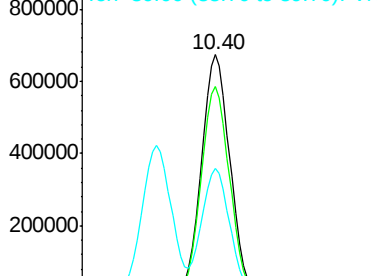
39 53.0 42.4 63.6

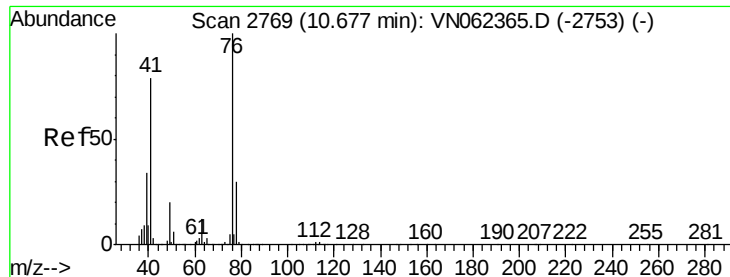


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





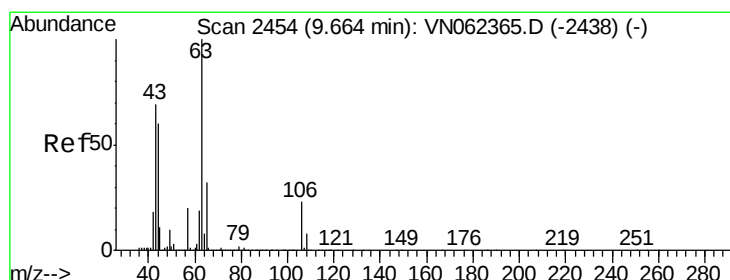
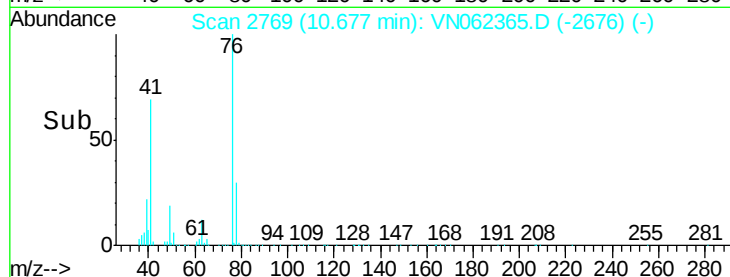
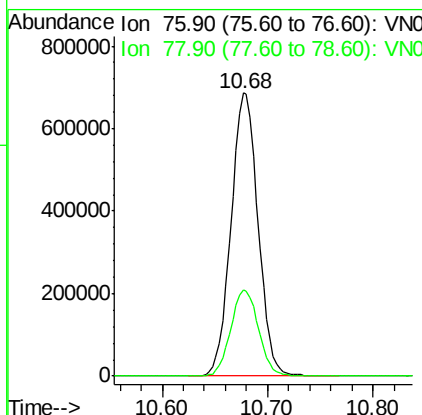
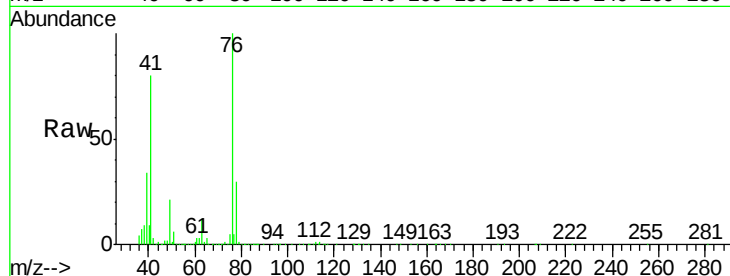
#57
 1,3-Dichloropropane
 Concen: 51.673 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 1214461
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.0 37.4

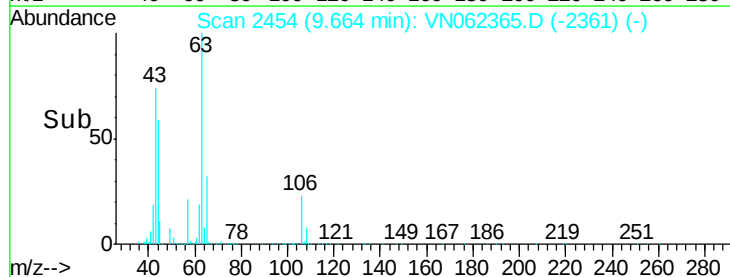
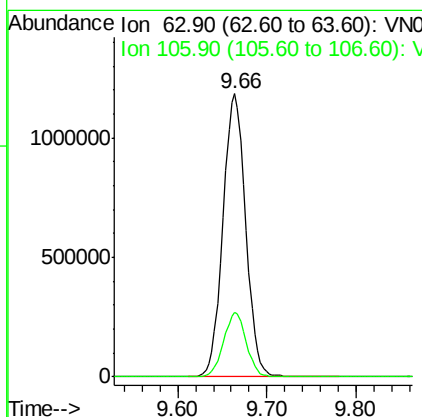
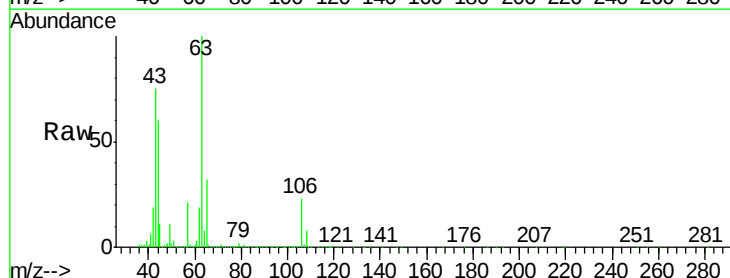
Manual Integrations
 APPROVED

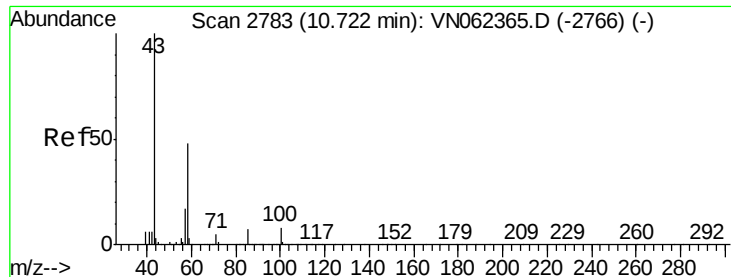
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 299.038 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 63 Resp: 2088393
 Ion Ratio Lower Upper
 63 100
 106 22.5 18.0 27.0





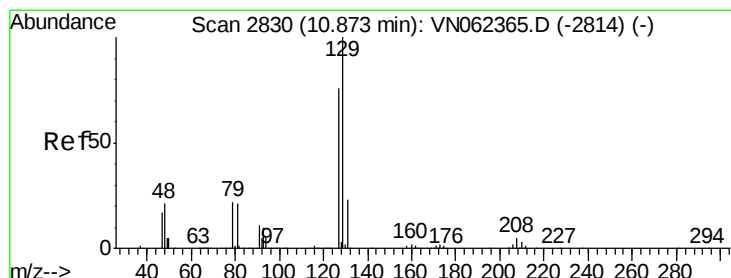
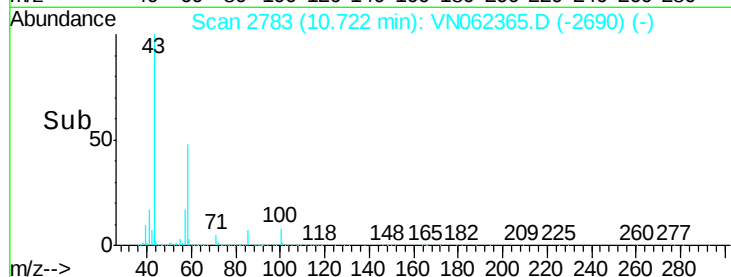
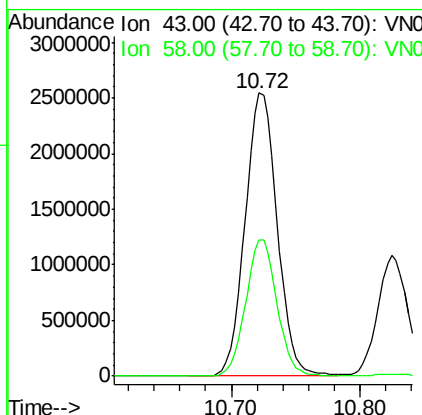
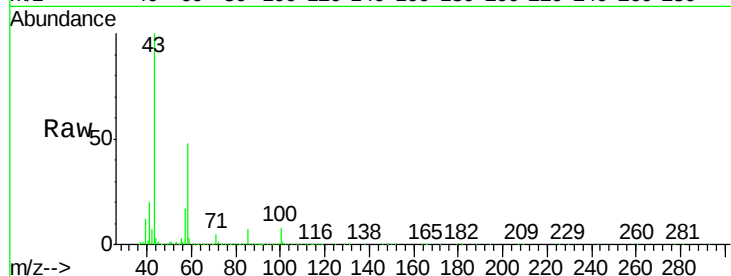
#59
2-Hexanone
Concen: 379.565 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 4408449
Ion Ratio Lower Upper
43 100
58 47.1 23.5 70.6

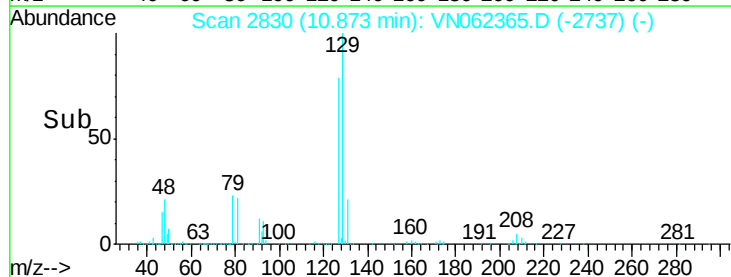
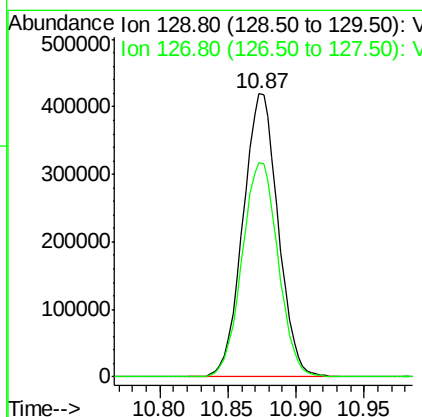
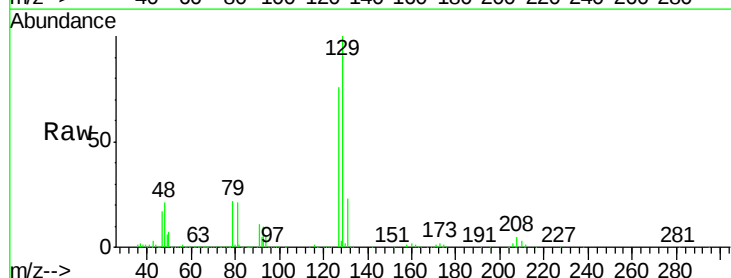
Manual Integrations
APPROVED

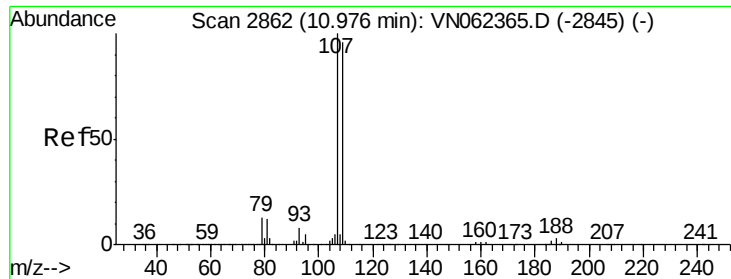
MMDadoda
7/7/2020 10:08:31 AM



#60
Dibromochloromethane
Concen: 52.026 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 129 Resp: 750963
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





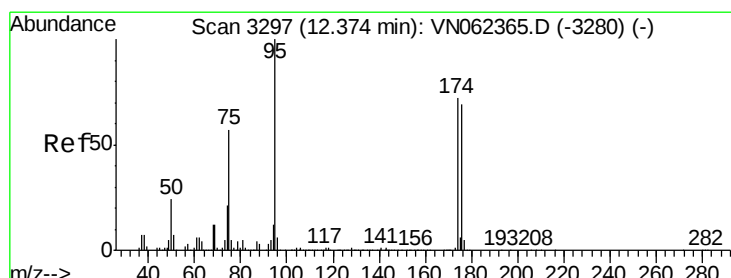
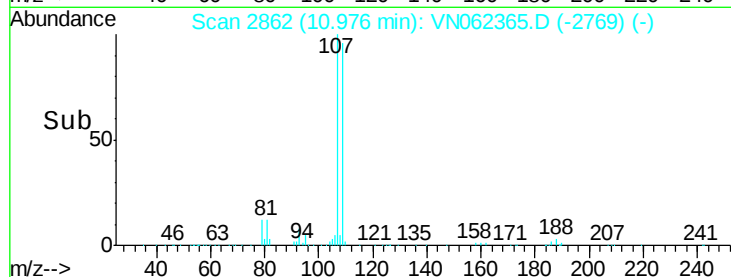
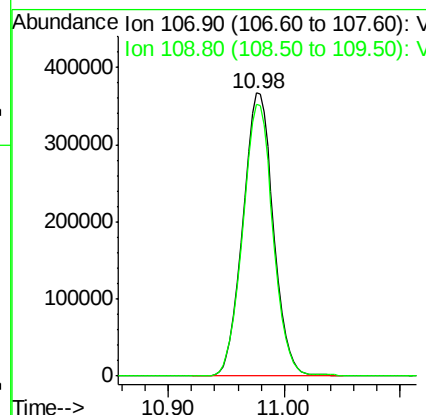
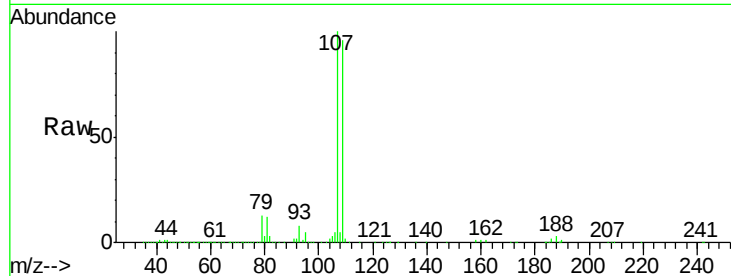
#61
 1,2-Dibromoethane
 Concen: 48.354 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 668154
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.4 114.6

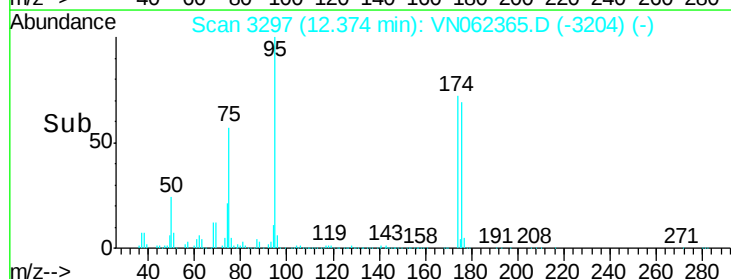
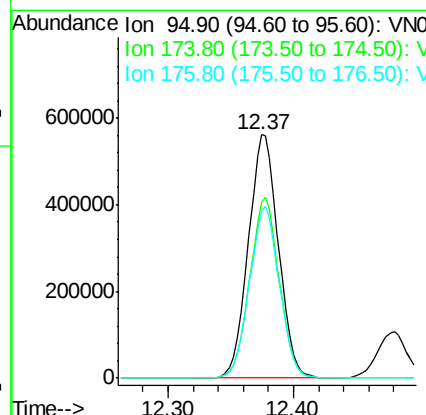
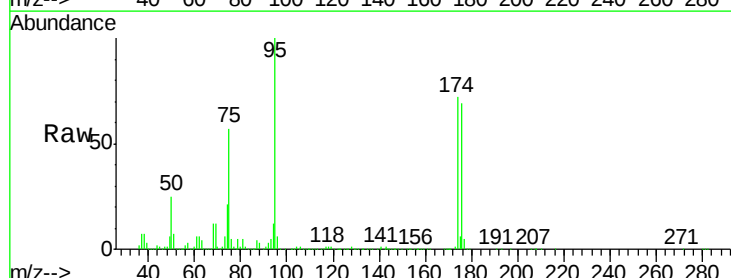
Manual Integrations
 APPROVED

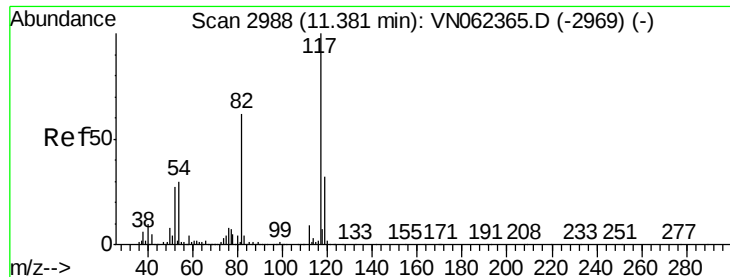
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 56.236 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion: 95 Resp: 936164
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 145.8
 176 70.1 0.0 140.2





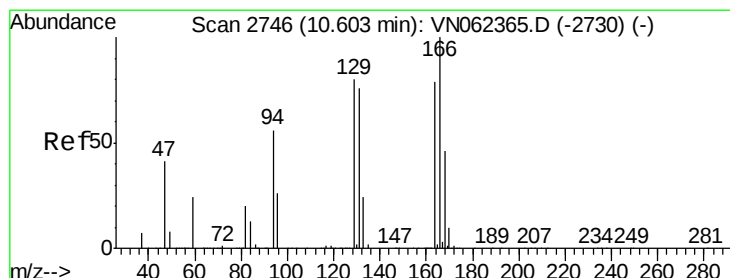
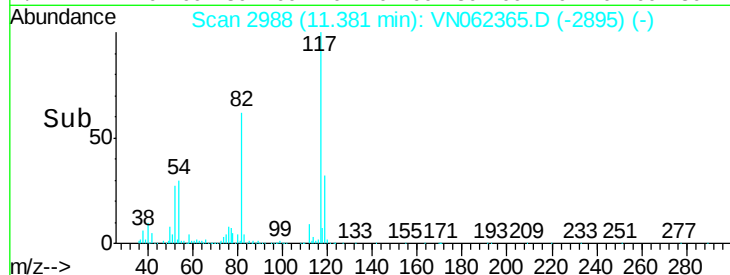
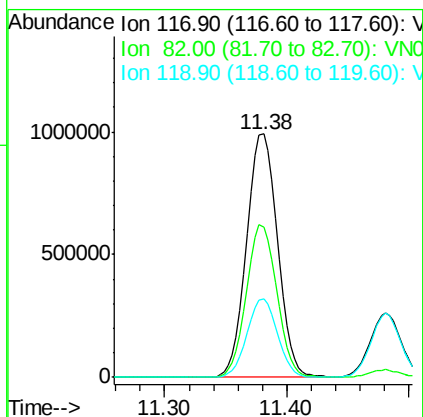
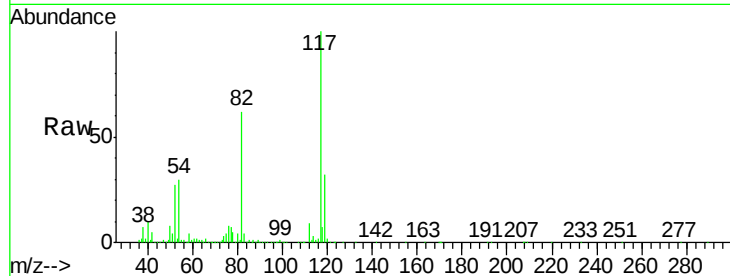
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.4	74.2
119	32.0	25.6	38.4

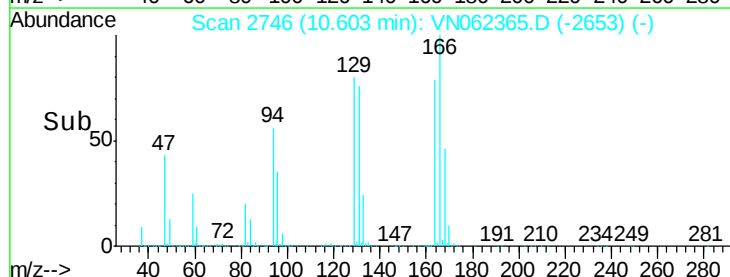
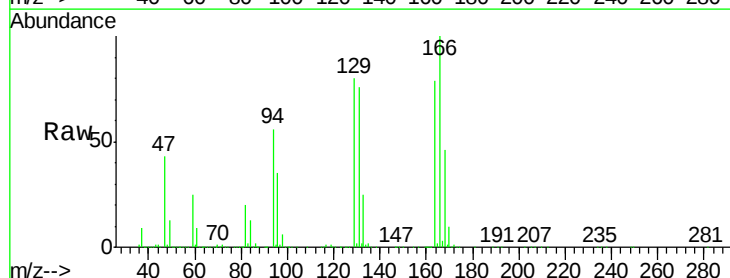
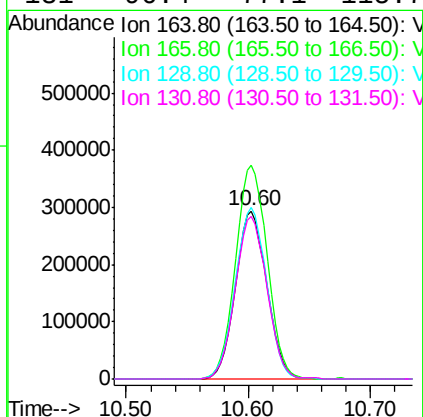
Manual Integrations
APPROVED

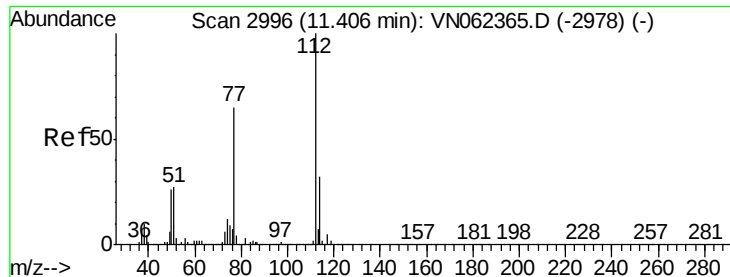
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#64
Tetrachloroethene
Concen: 44.391 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.6	152.4
129	101.8	81.4	122.2
131	96.4	77.1	115.7





#65

Chlorobenzene

Concen: 45.903 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:112 Resp: 1740467

Ion Ratio Lower Upper

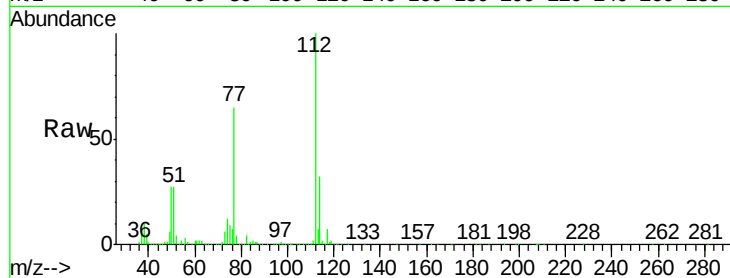
112 100

114 32.3 25.8 38.8

Manual Integrations
APPROVED

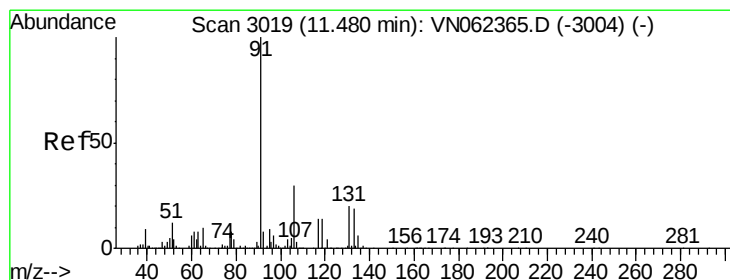
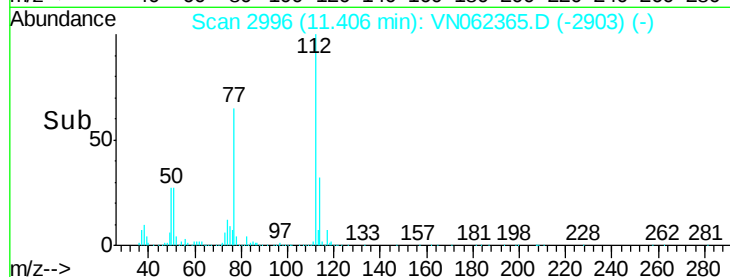
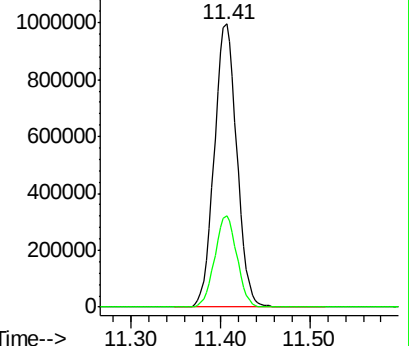
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.829 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

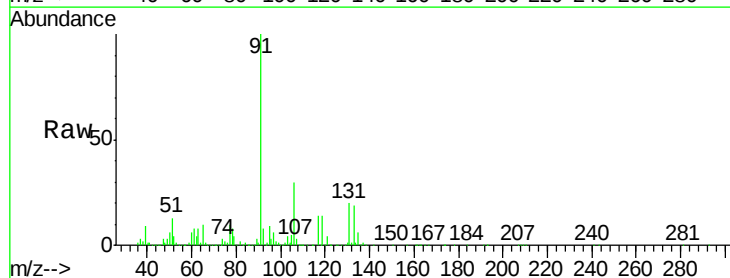
Tgt Ion:131 Resp: 659616

Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

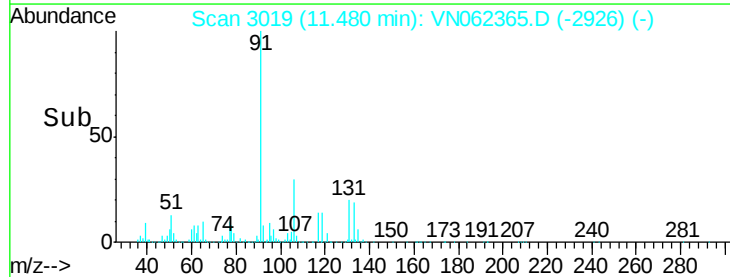
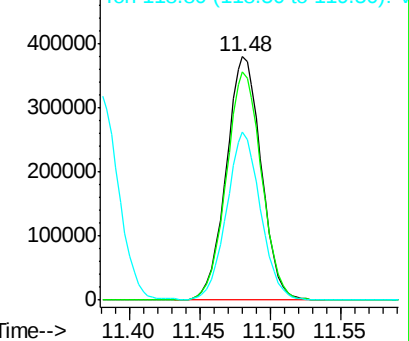
119 66.6 33.3 99.9

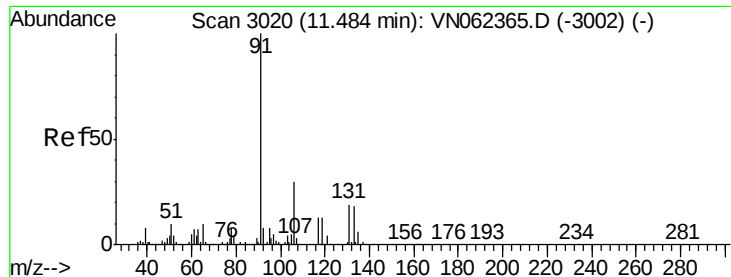


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





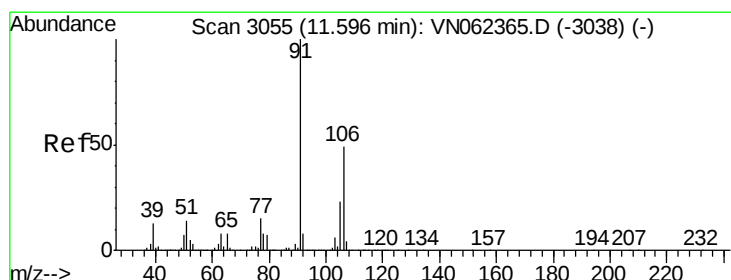
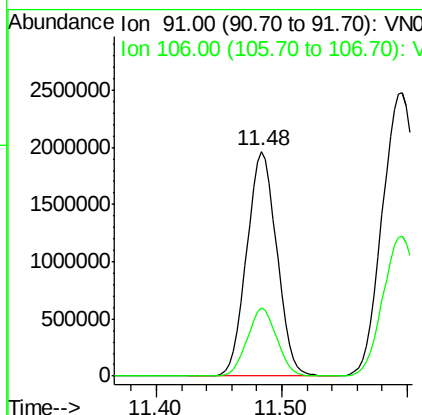
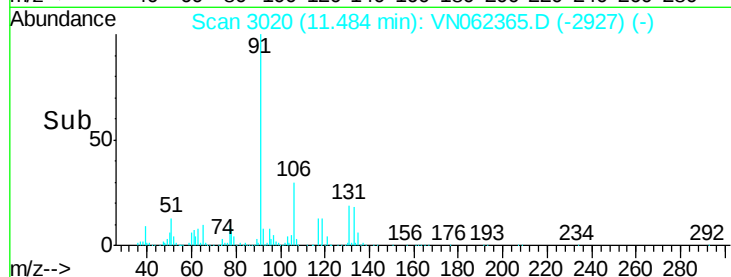
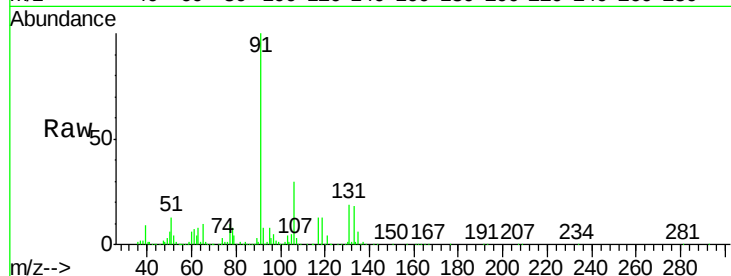
#67
Ethyl Benzene
Concen: 50.873 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 3284327
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

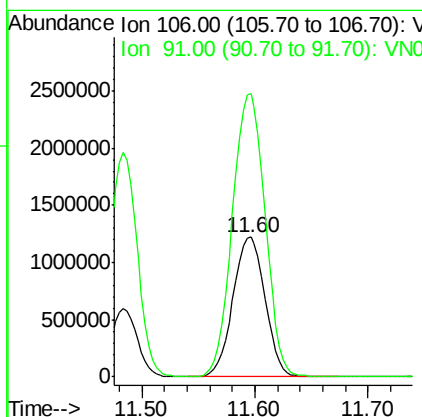
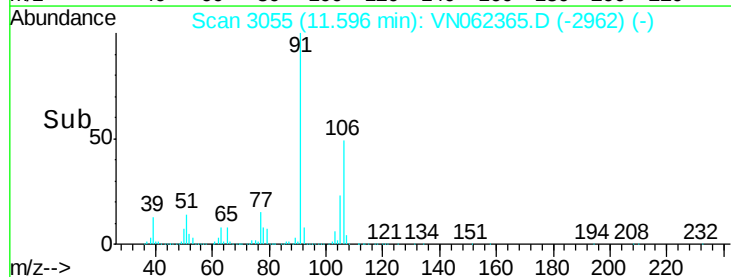
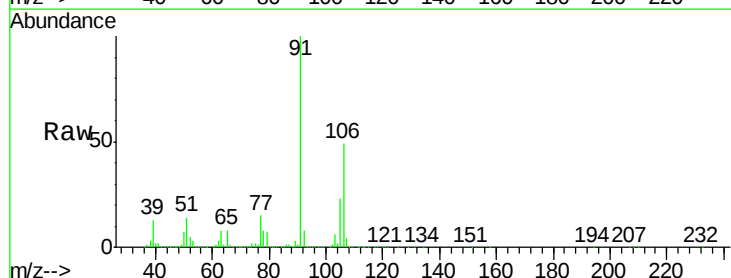
Manual Integrations
APPROVED

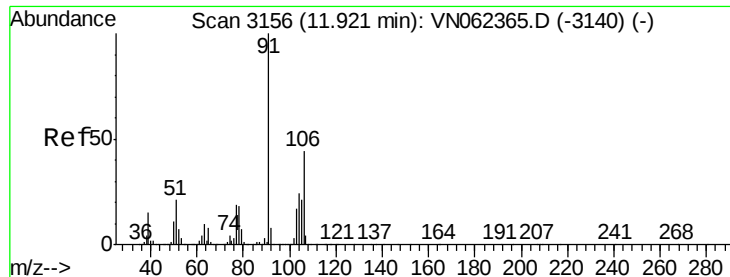
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#68
m/p-Xylenes
Concen: 97.400 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion: 106 Resp: 2407176
Ion Ratio Lower Upper
106 100
91 206.8 165.4 248.2





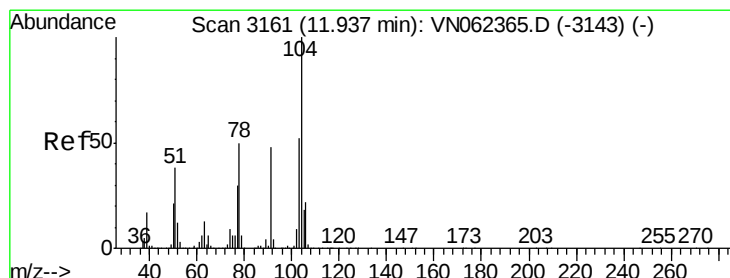
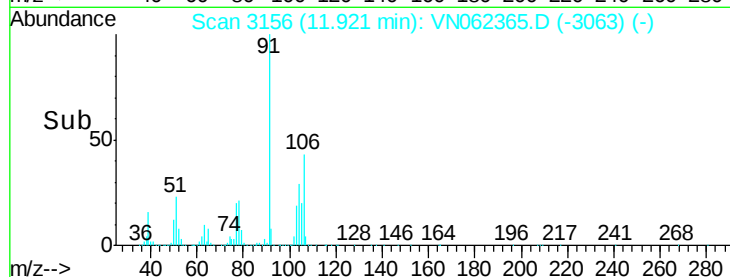
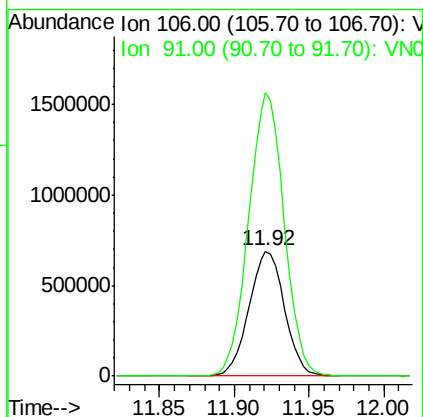
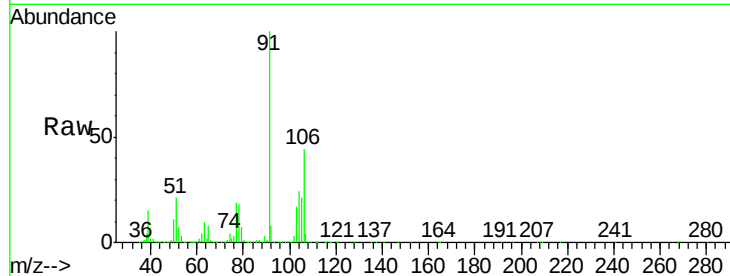
#69
o-Xylene
Concen: 48.934 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 1140439
Ion Ratio Lower Upper
106 100
91 226.3 113.1 339.4

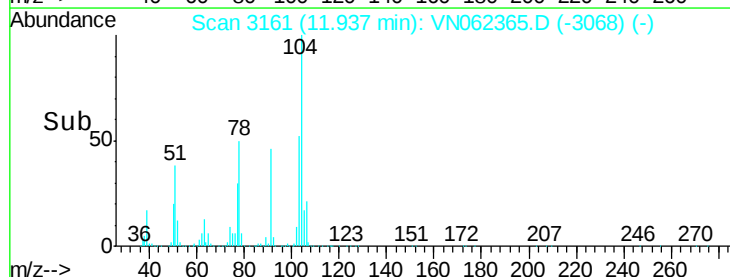
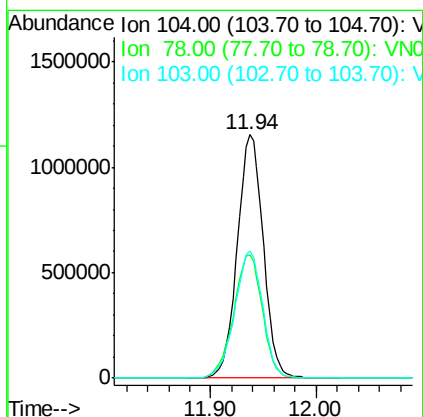
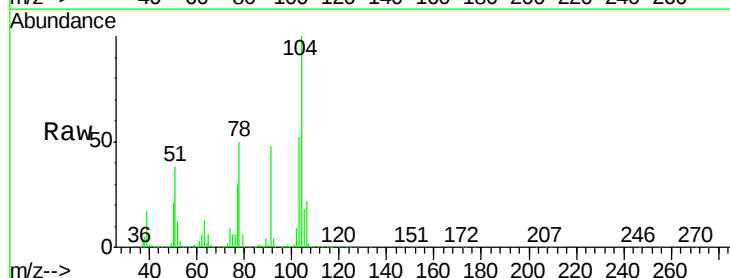
Manual Integrations
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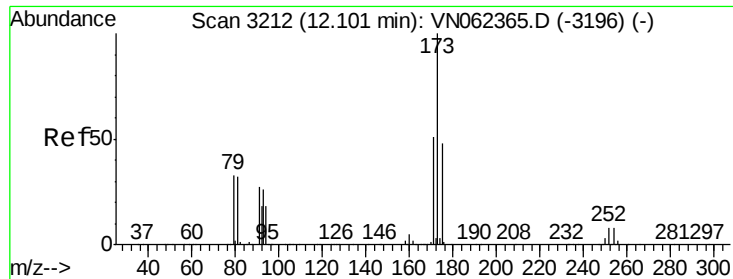
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#70
Styrene
Concen: 50.580 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion:104 Resp: 1970045
Ion Ratio Lower Upper
104 100
78 56.0 44.8 67.2
103 56.2 45.0 67.4





#71

Bromoform

Concen: 55.023 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

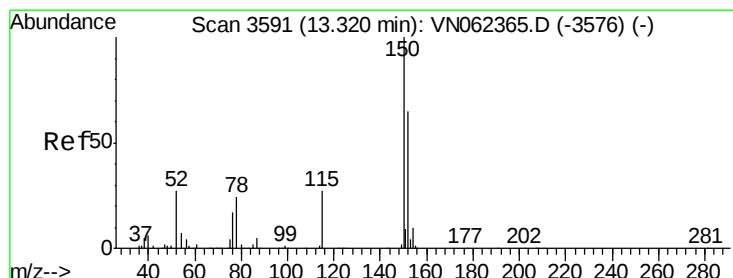
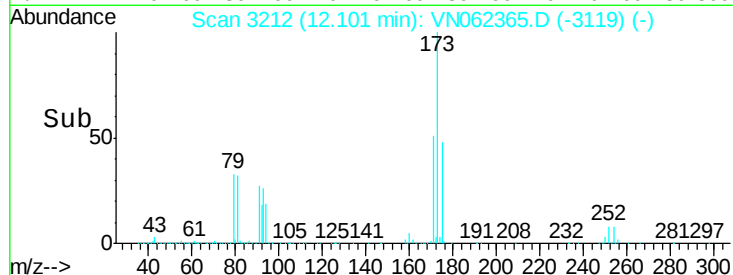
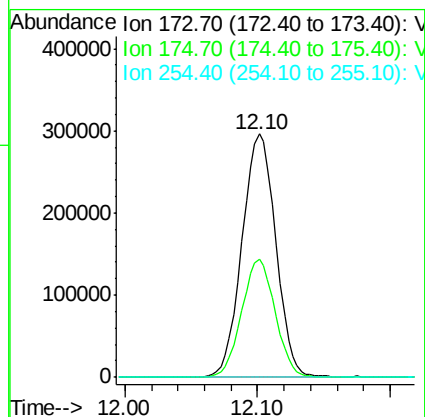
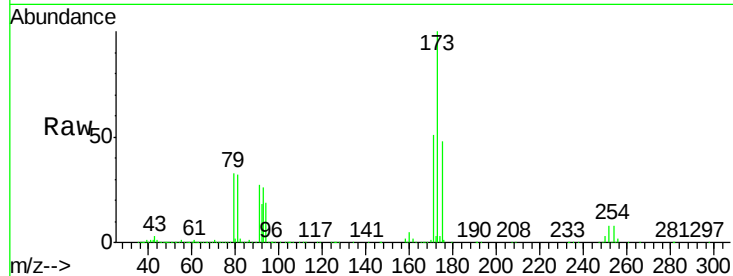
ClientSampleId :

VSTDICCC050

Tot Ion:	173	Resp:	525474
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.2
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

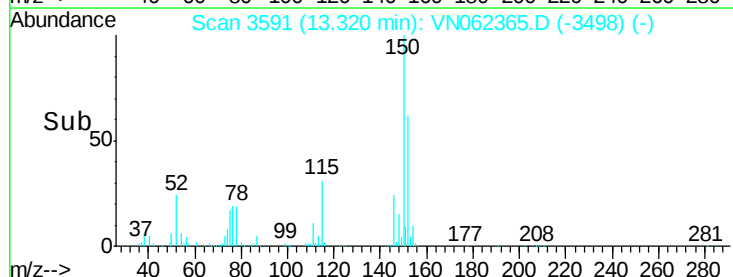
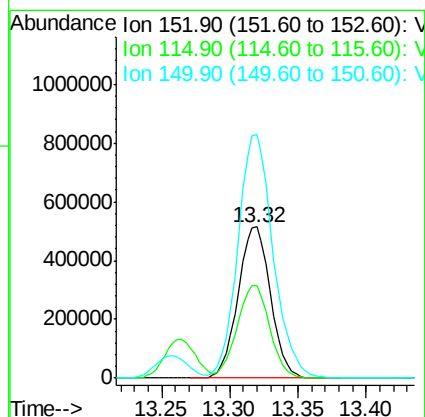
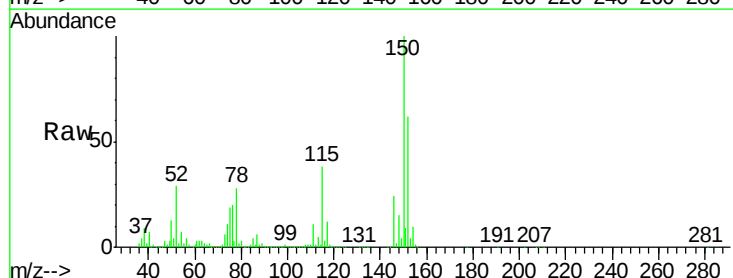
RT: 13.32 min Scan# 3591

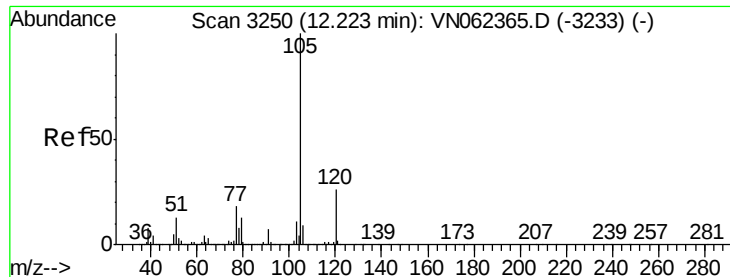
Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Tgt Ion:	152	Resp:	852365
Ion Ratio	Lower	Upper	
152	100		
115	61.0	30.5	91.5
150	173.4	0.0	346.8





#73

Isopropylbenzene

Concen: 47.449 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 3122467

Ion Ratio Lower Upper

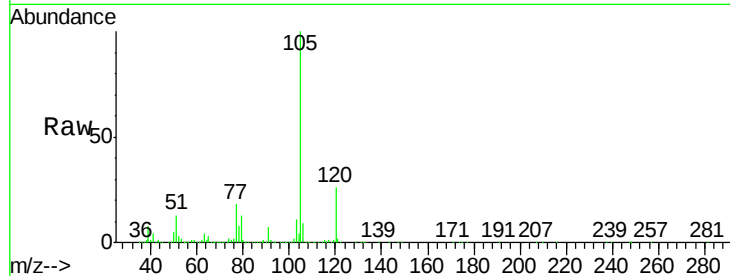
105 100

120 25.5 12.8 38.3

Manual Integrations
APPROVED

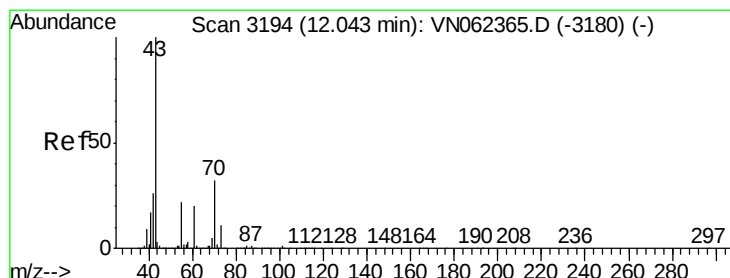
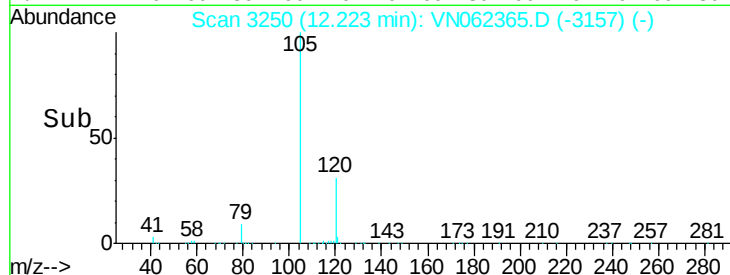
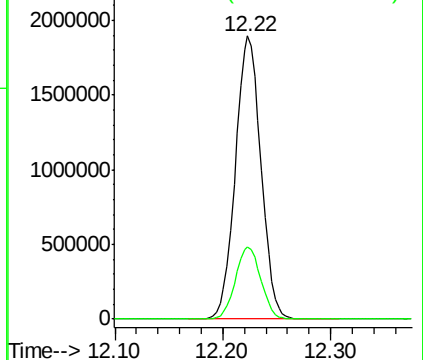
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 75.037 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Tgt Ion: 43 Resp: 1788949

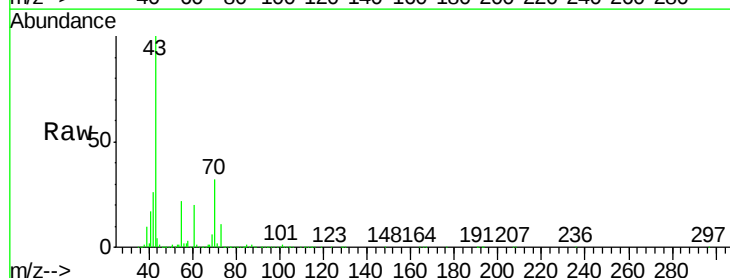
Ion Ratio Lower Upper

43 100

70 32.4 25.9 38.9

55 21.7 17.4 26.0

61 19.5 15.6 23.4

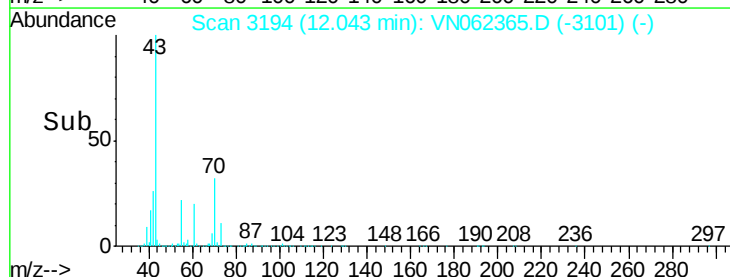
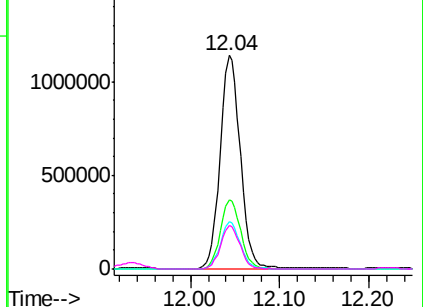


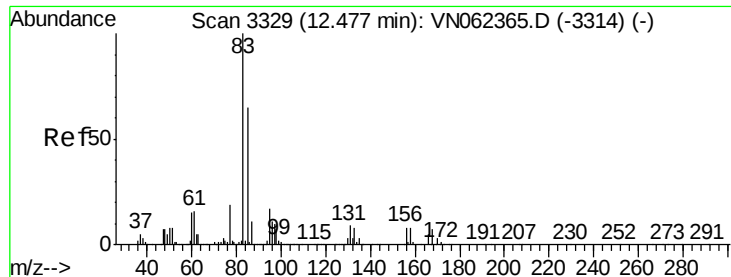
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.068 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 1038683

Ion Ratio Lower Upper

83 100

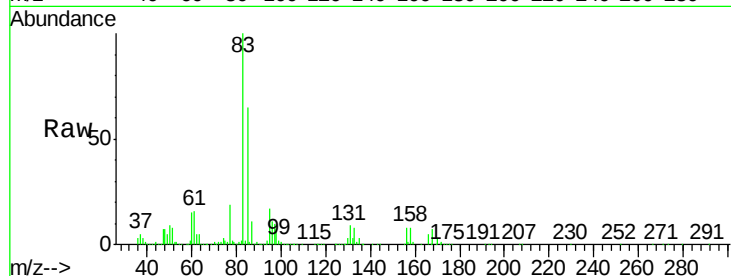
131 9.5 4.8 14.3

85 64.6 32.3 96.9

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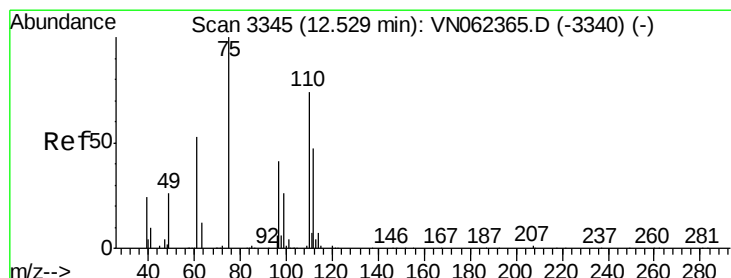
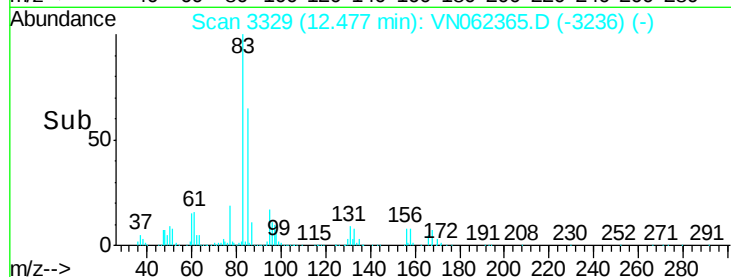
Abundance Ion 82.90 (82.60 to 83.60): VN062365.D (-3329) (-)

Ion 130.80 (130.50 to 131.50): VN062365.D (-3329) (-)

Ion 84.90 (84.60 to 85.60): VN062365.D (-3329) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 50.382 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062365.D

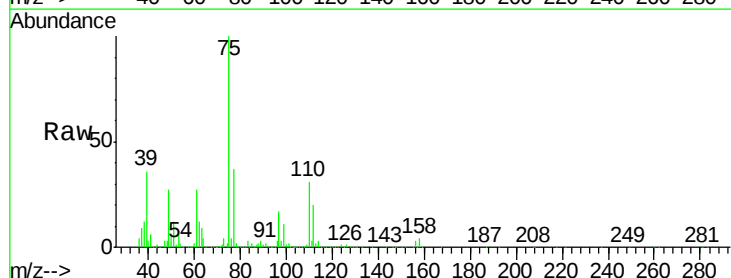
Acq: 6 Jul 2020 13:38

Tgt Ion: 75 Resp: 1012633

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

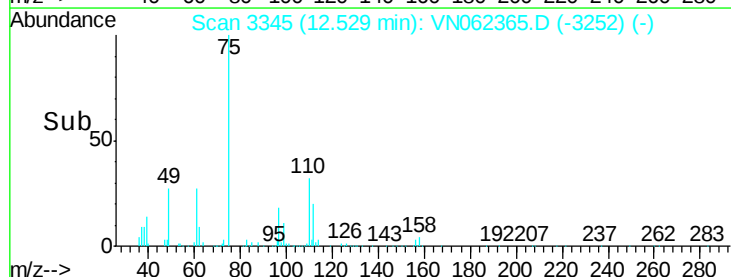


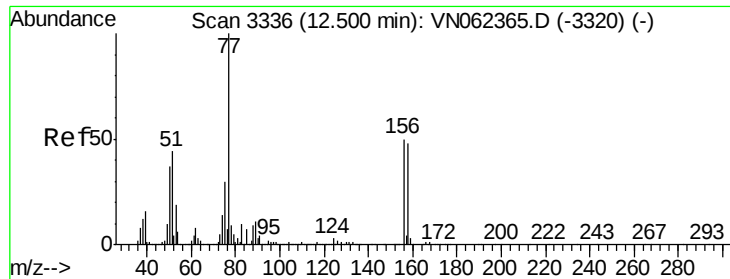
Abundance Ion 74.90 (74.60 to 75.60): VN062365.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062365.D (-3345) (-)

12.53

Time-->





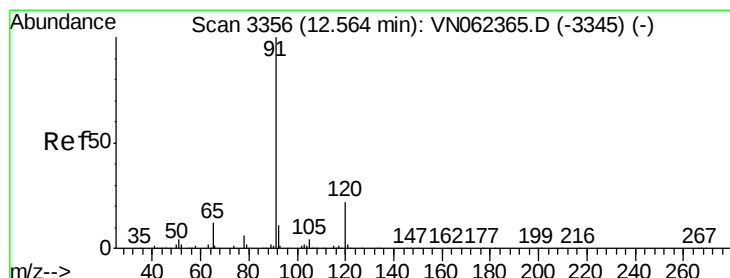
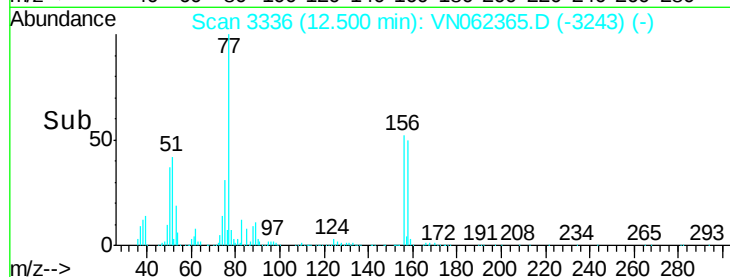
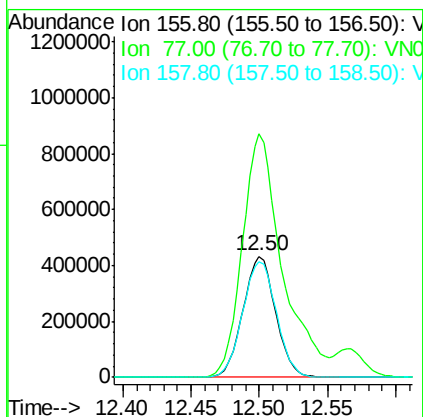
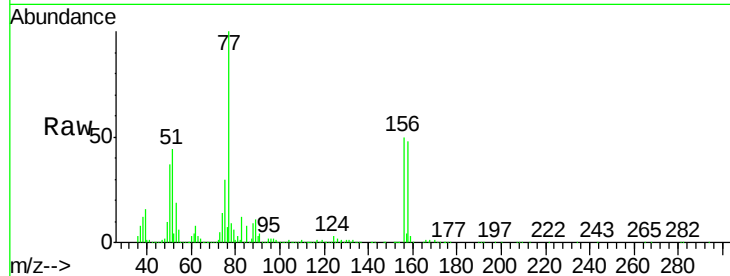
#77
Bromobenzene
Concen: 44.205 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	246.5	123.3	369.8
158	99.2	49.6	148.8

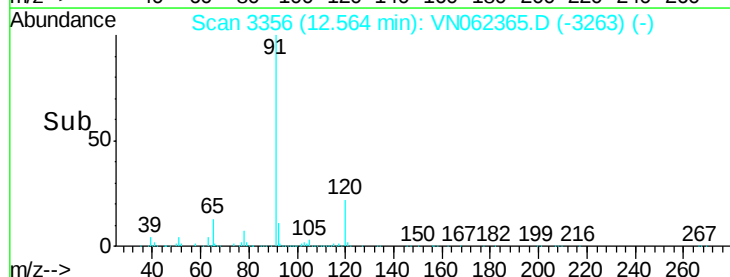
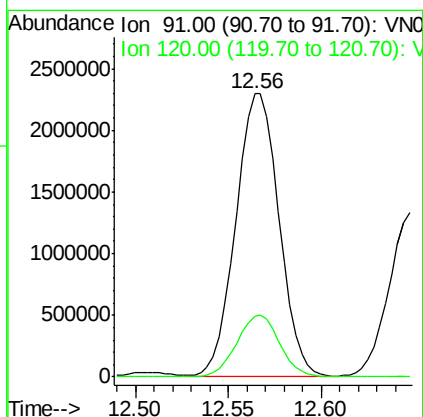
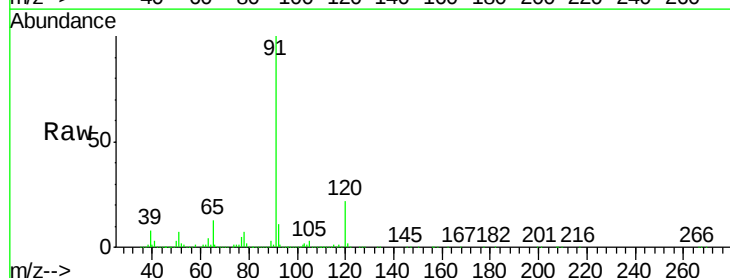
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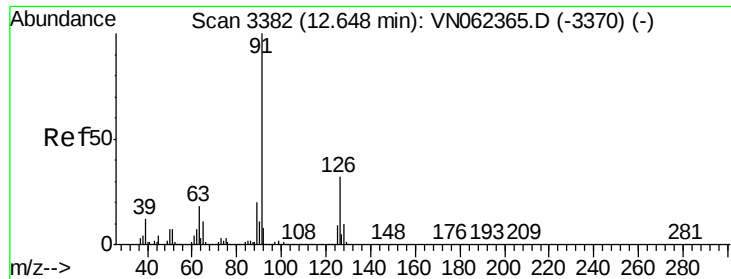
MMDadoda
7/7/2020 10:08:31 AM



#78
n-propylbenzene
Concen: 49.021 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.6





#79

2-Chlorotoluene

Concen: 48.731 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 2235828

Ion Ratio Lower Upper

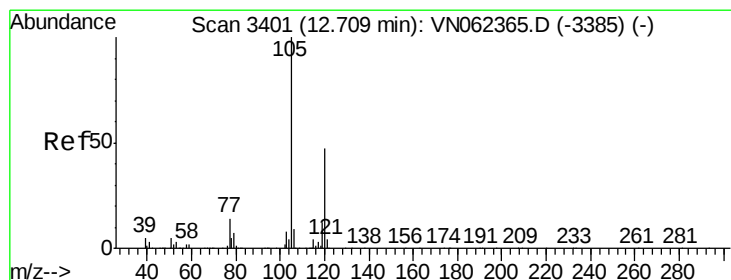
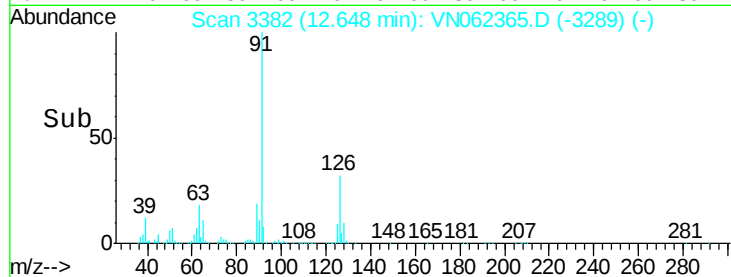
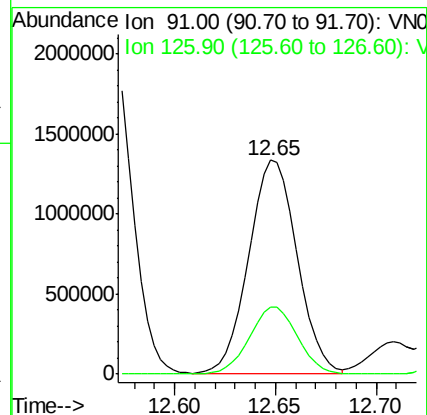
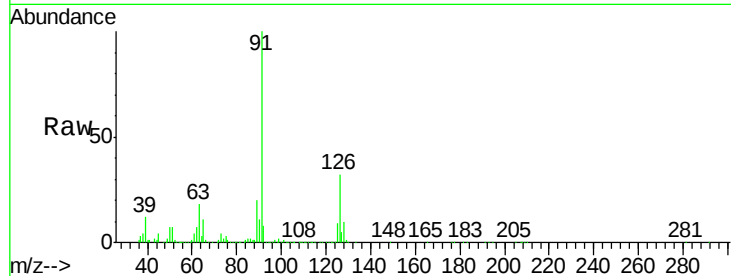
91 100

126 31.6 15.8 47.4

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#80

1,3,5-Trimethylbenzene

Concen: 49.992 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062365.D

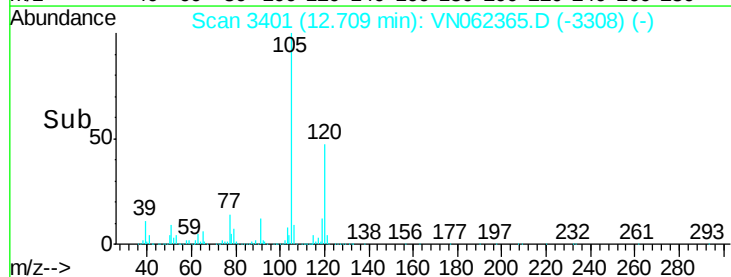
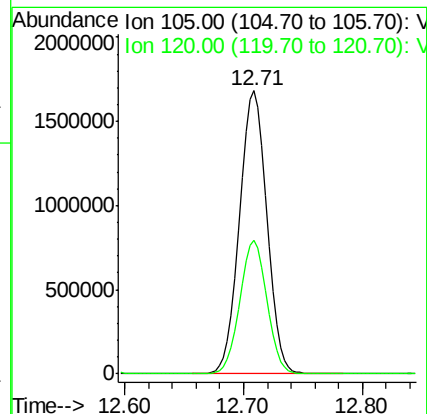
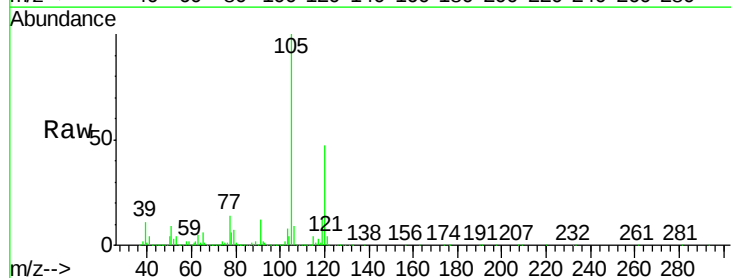
Acq: 6 Jul 2020 13:38

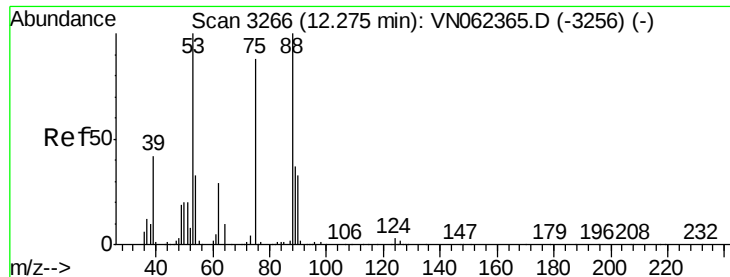
Tgt Ion: 105 Resp: 2681526

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





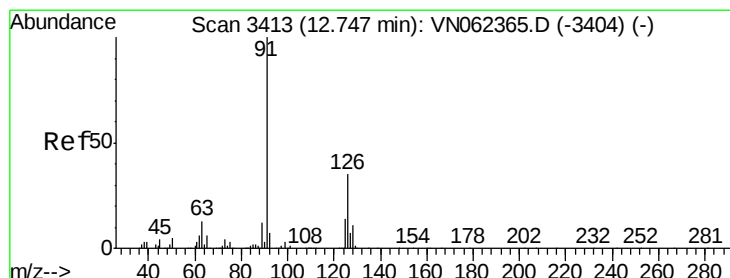
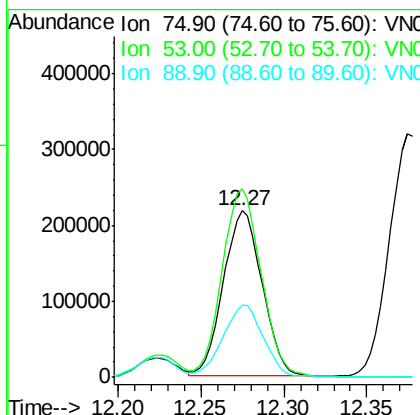
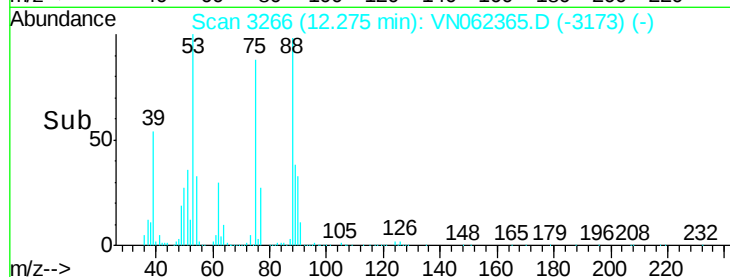
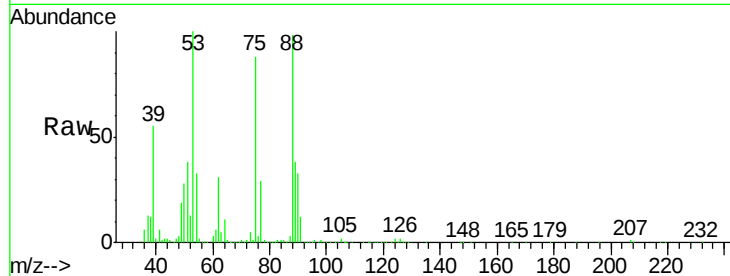
#81
trans-1,4-Dichloro-2-butene
Concen: 50.934 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.4	92.3	138.5
89	46.2	37.0	55.4

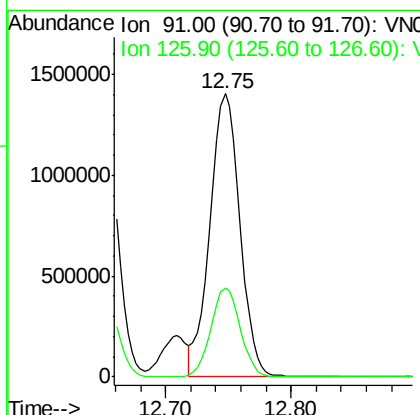
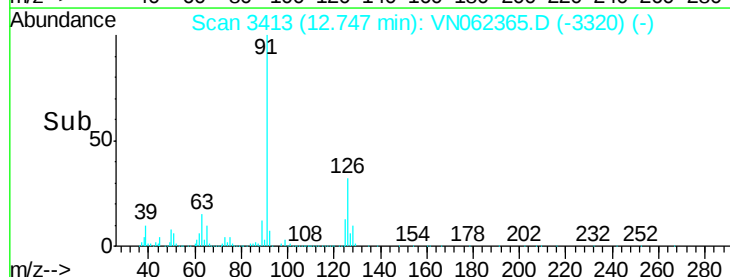
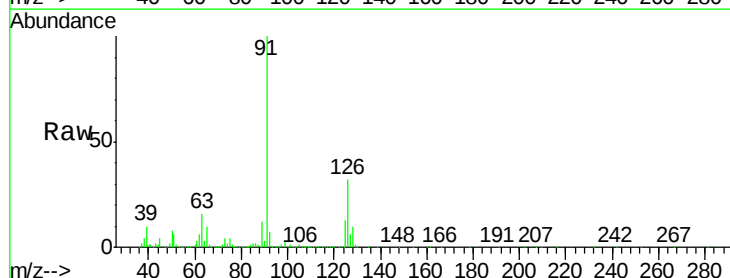
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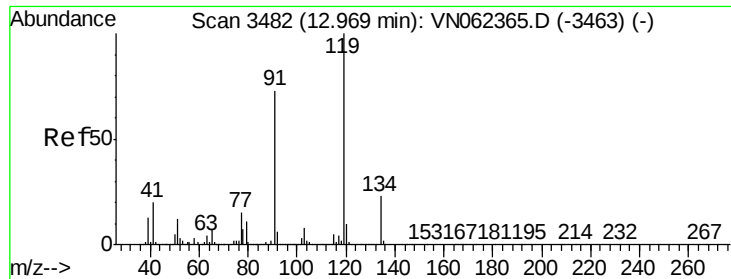
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#82
4-Chlorotoluene
Concen: 49.027 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





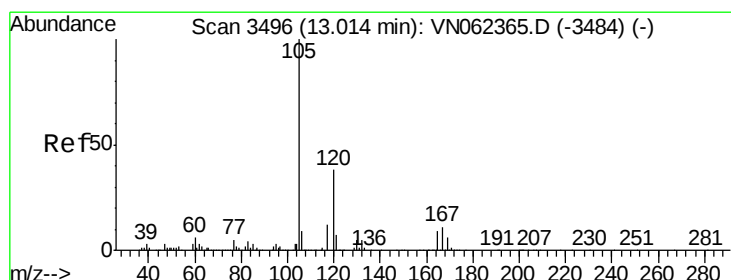
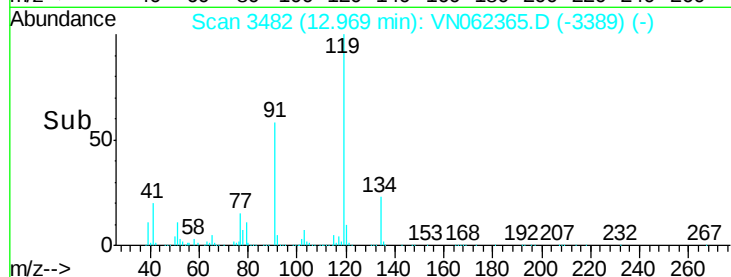
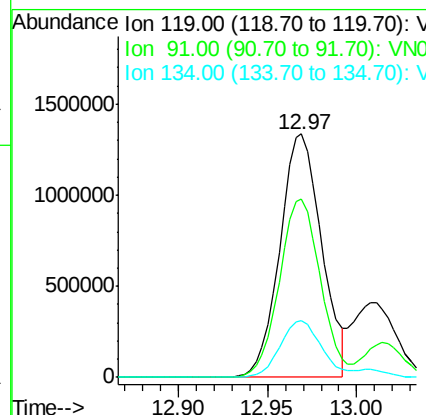
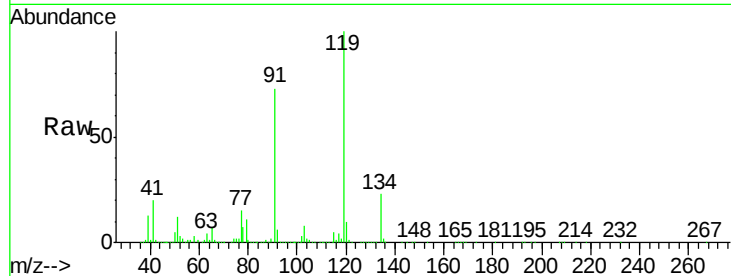
#83
 tert-Butylbenzene
 Concen: 47.772 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:119 Resp: 2180723
 Ion Ratio Lower Upper
 119 100
 91 72.7 36.4 109.1
 134 23.3 11.7 35.0

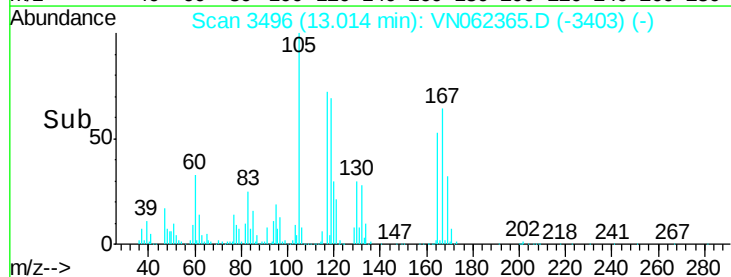
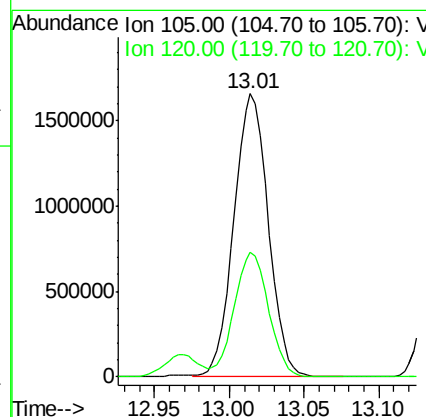
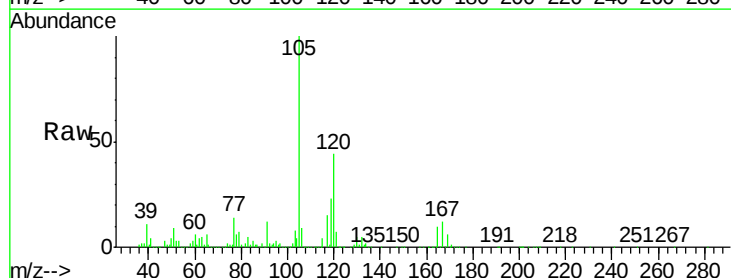
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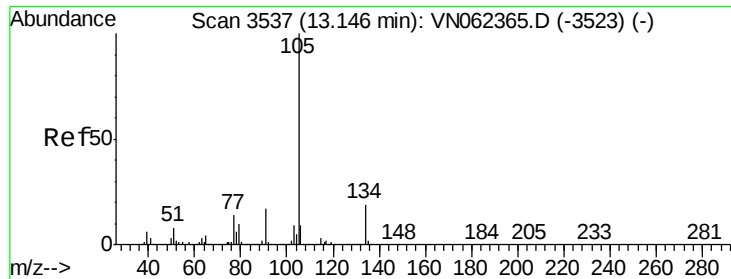
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.467 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion:105 Resp: 2643677
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.1 66.3





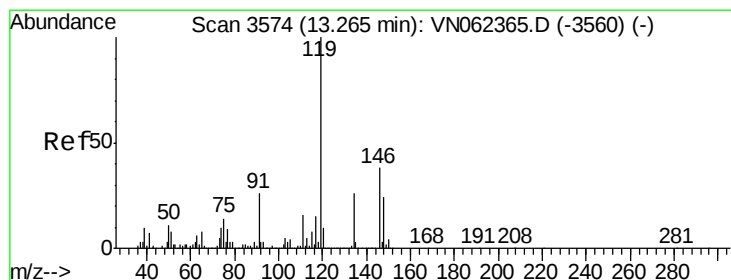
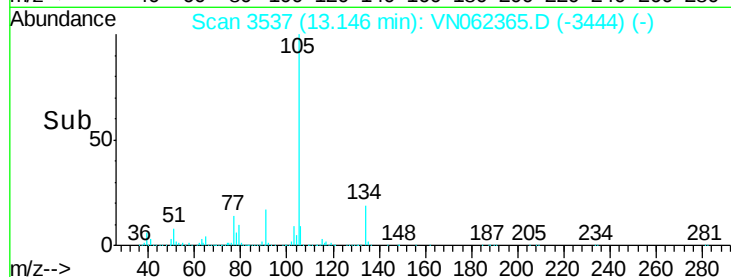
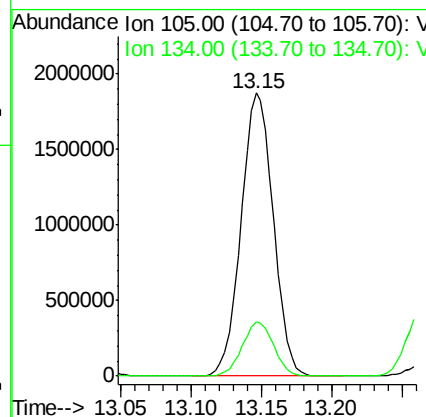
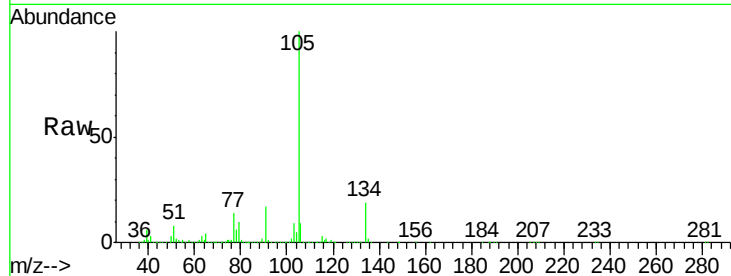
#85
 sec-Butylbenzene
 Concen: 49.294 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 2988288
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2

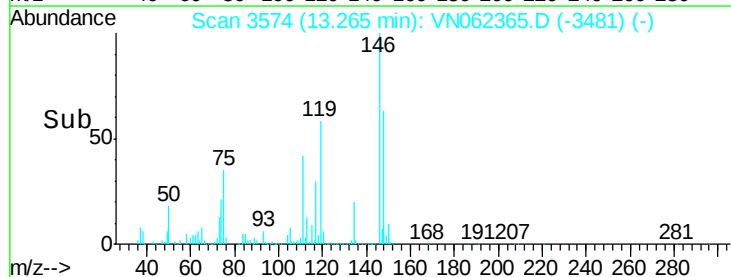
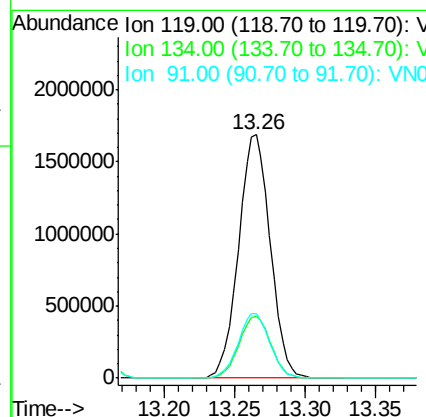
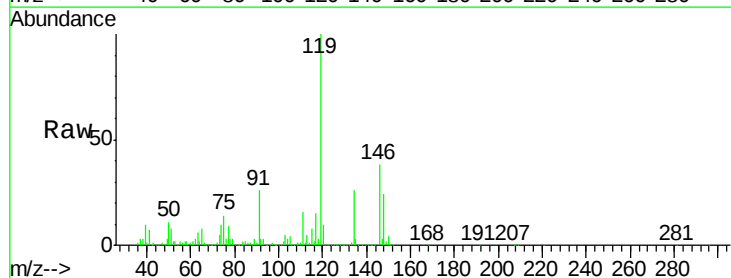
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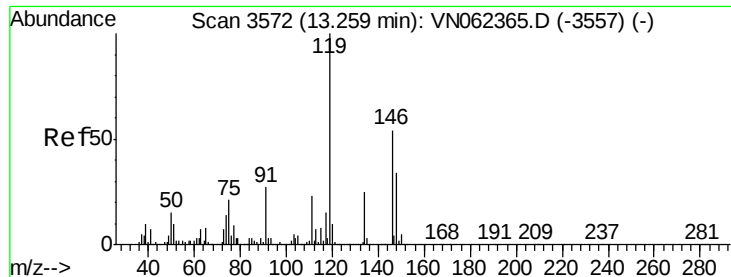
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#86
 p-Isopropyltoluene
 Concen: 49.910 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion:119 Resp: 2644872
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 26.2 13.1 39.3





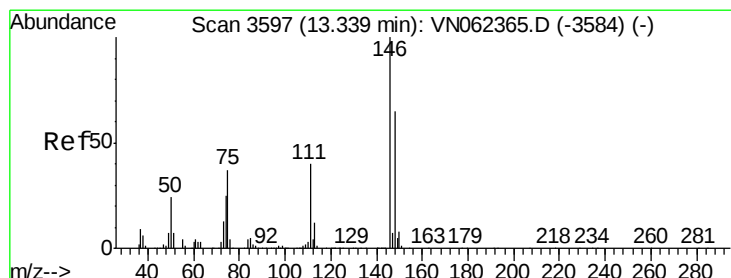
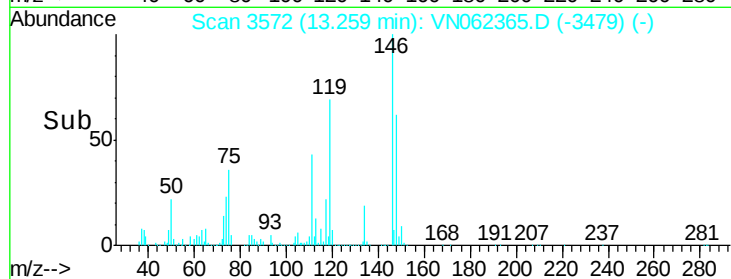
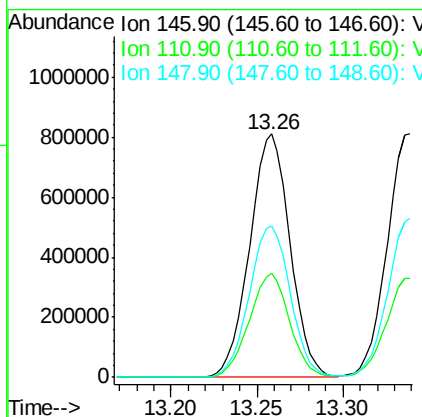
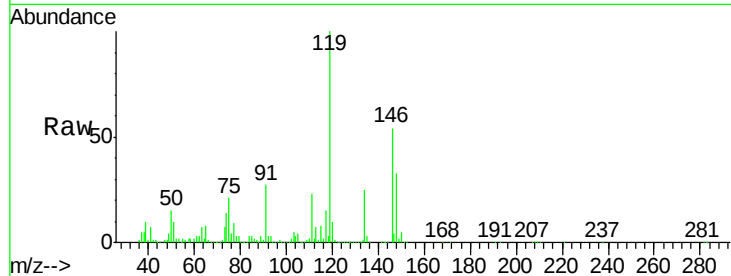
#87
 1,3-Dichlorobenzene
 Concen: 46.145 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion:146 Resp: 1319957
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 63.3 31.6 95.0

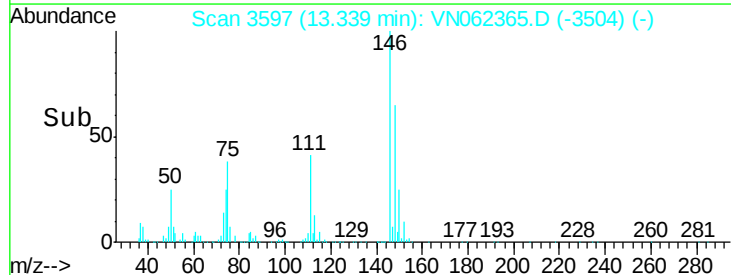
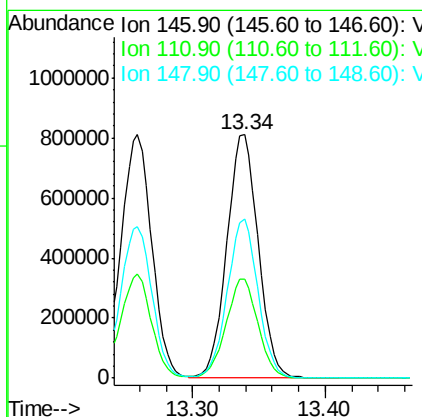
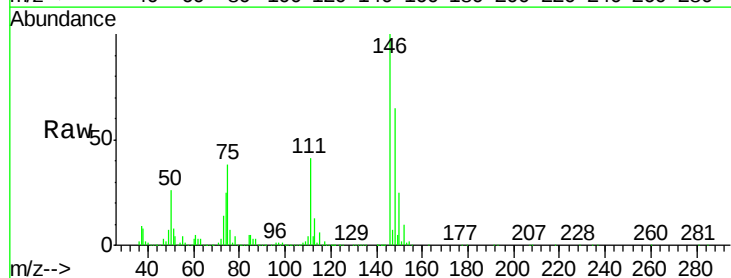
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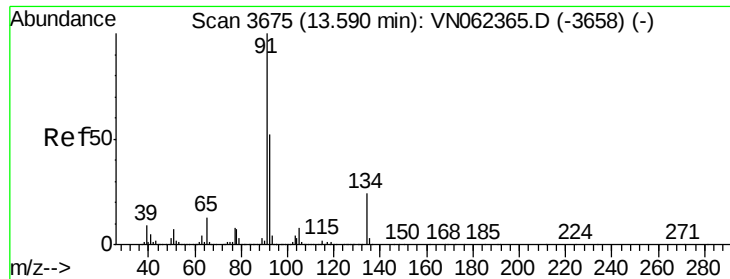
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#88
 1,4-Dichlorobenzene
 Concen: 45.035 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion:146 Resp: 1329579
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 63.6 31.8 95.4





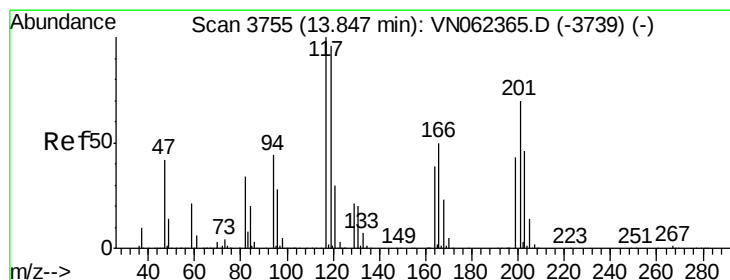
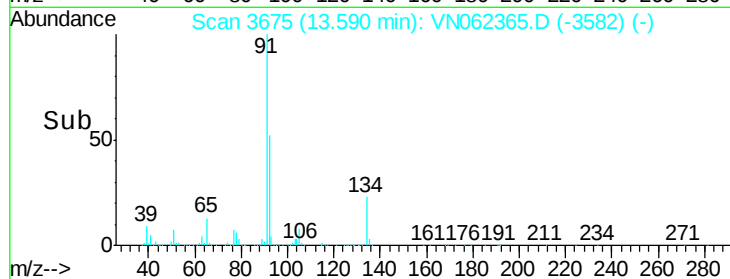
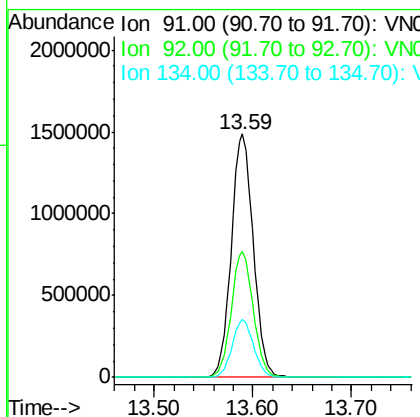
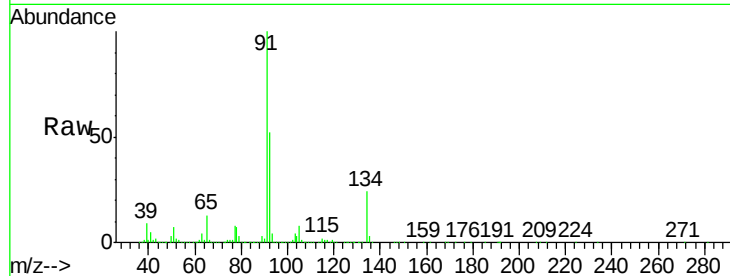
#89
n-Butylbenzene
Concen: 52.204 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.7	77.1
134	23.4	11.7	35.1

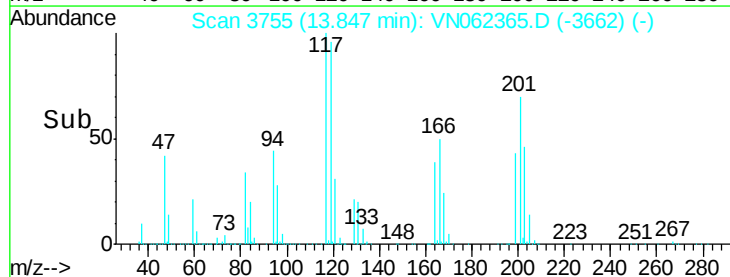
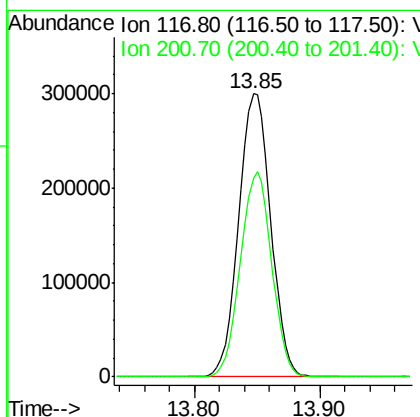
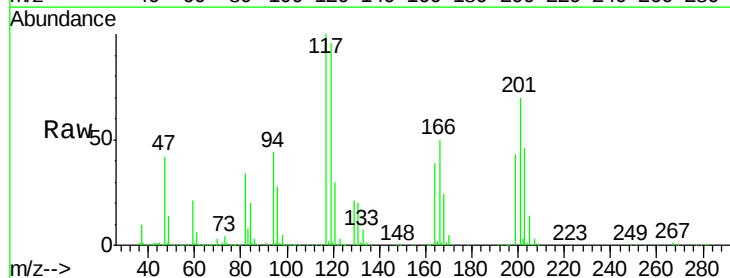
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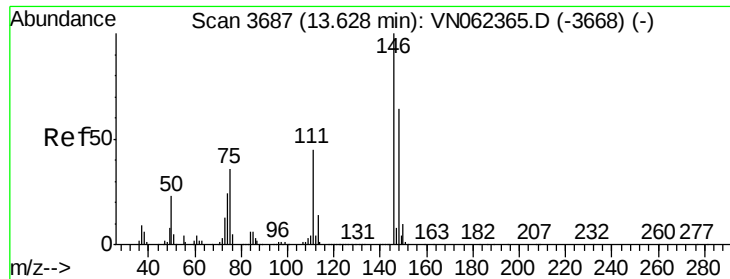
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#90
Hexachloroethane
Concen: 50.403 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. 0.00 min
Lab File: VN062365.D
Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.8	35.4	106.2





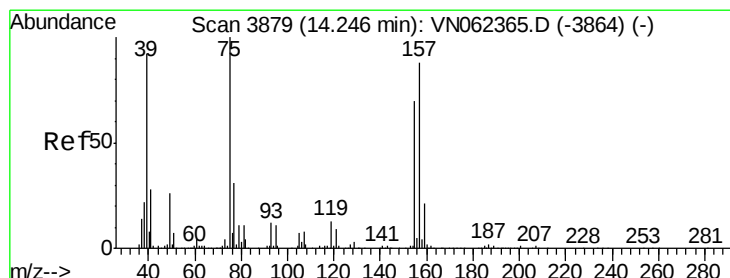
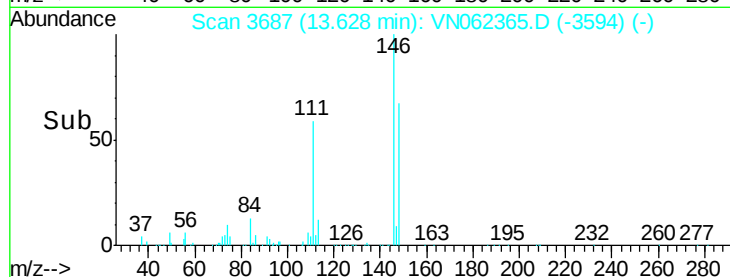
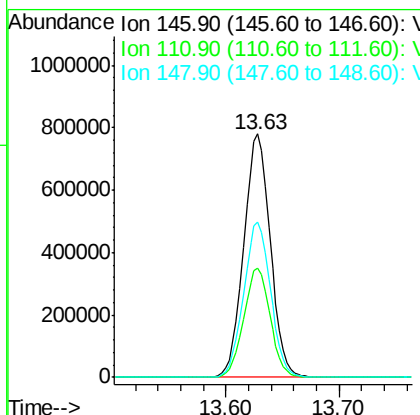
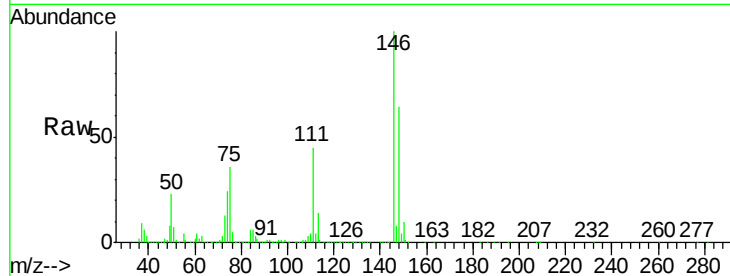
#91
 1,2-Dichlorobenzene
 Concen: 46.083 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.3	66.9
148	64.7	32.4	97.0

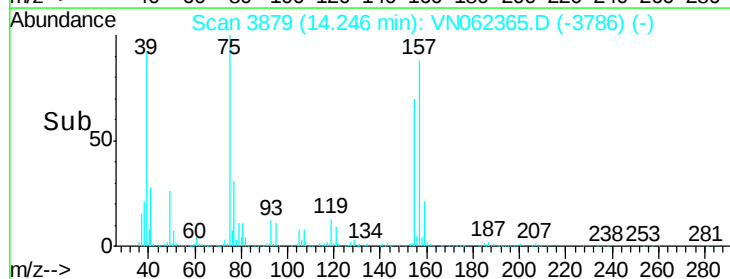
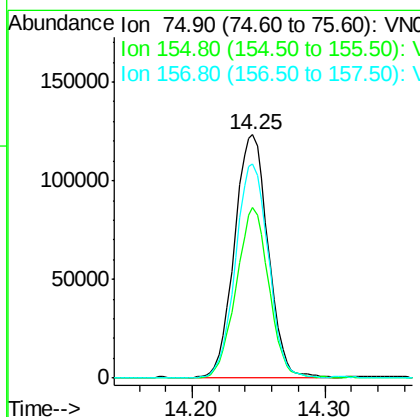
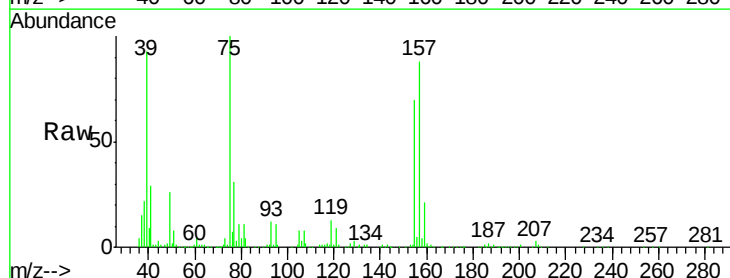
Manual Integrations
 APPROVED

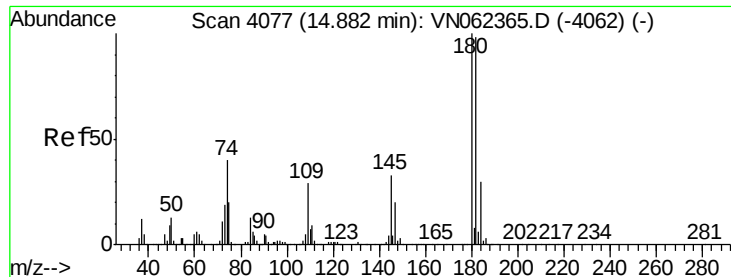
MMDadoda
 7/7/2020 10:08:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.240 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.1	34.1	102.2
157	86.5	43.3	129.8





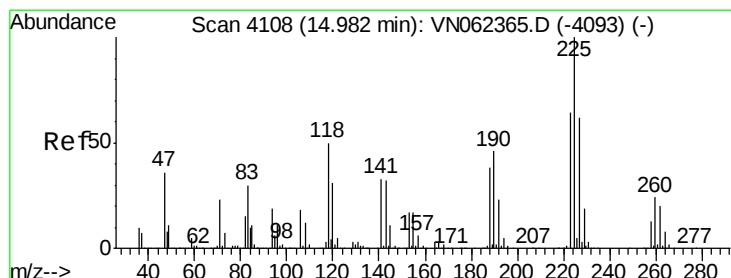
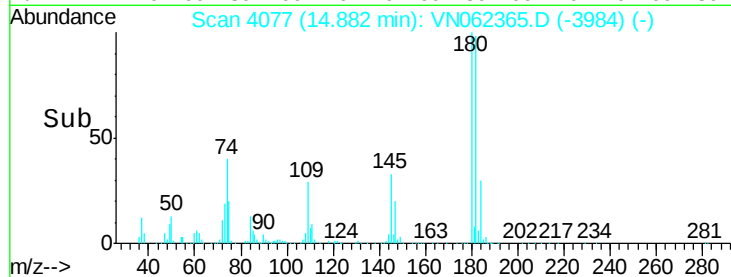
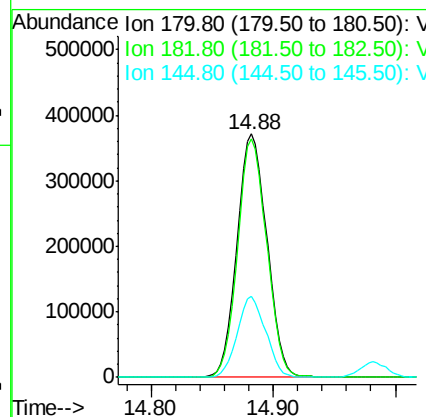
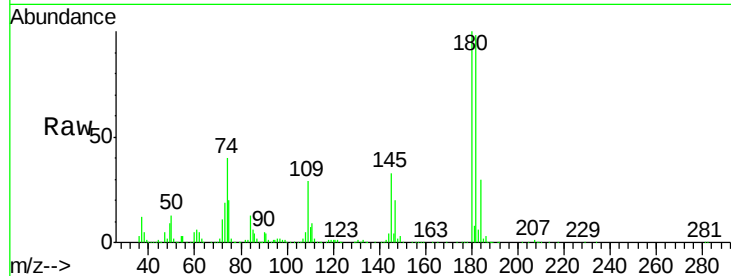
#93
 1,2,4-Trichlorobenzene
 Concen: 51.584 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	31.8	15.9	47.7

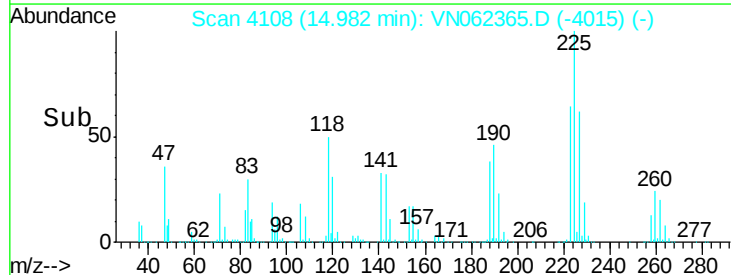
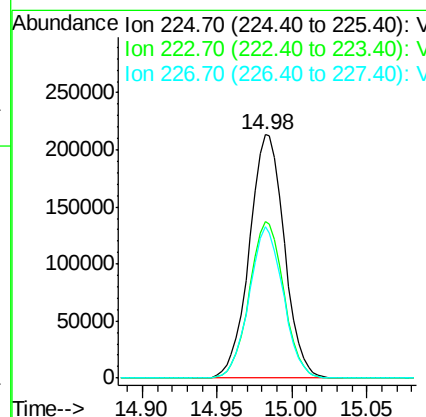
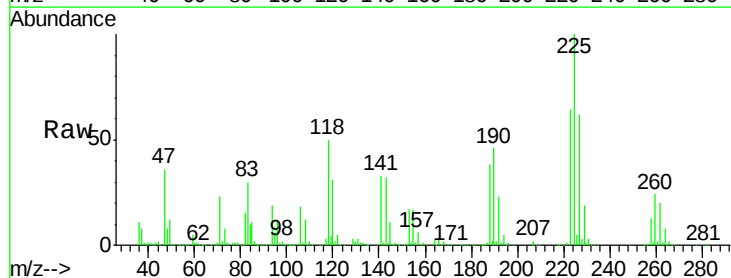
Manual Integrations
 APPROVED

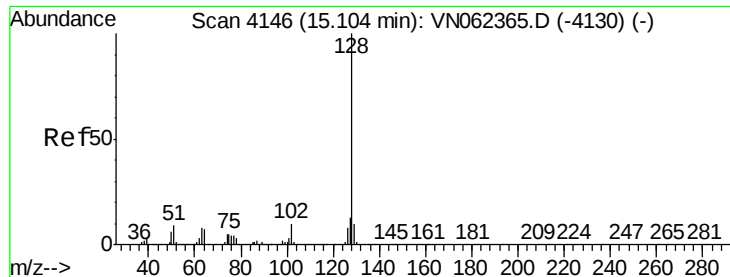
MMDadoda
 7/7/2020 10:08:31 AM



#94
 Hexachlorobutadiene
 Concen: 61.513 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062365.D
 Acq: 6 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	60.5	30.3	90.8





#95

Naphthalene

Concen: 48.800 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion:128 Resp: 1716149

Ion Ratio Lower Upper

128 100

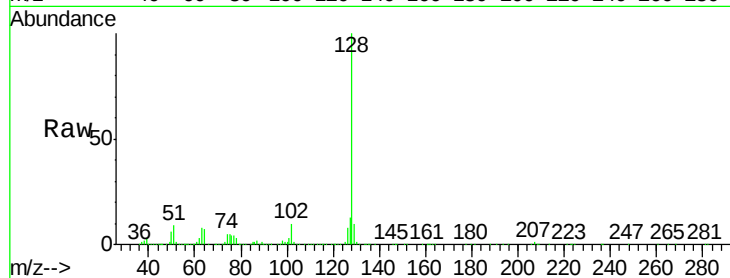
127 13.5 10.8 16.2

129 10.7 8.6 12.8

Manual Integrations
APPROVED

MMDadoda

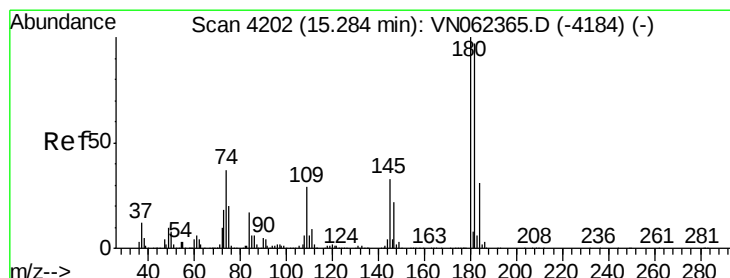
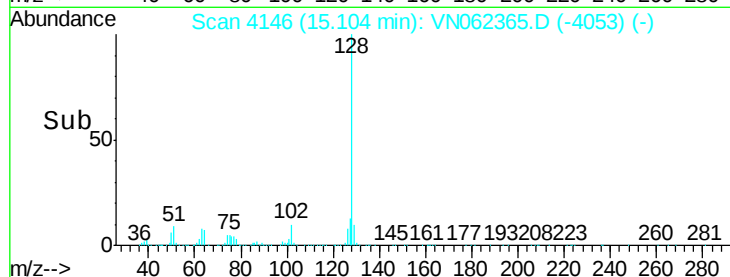
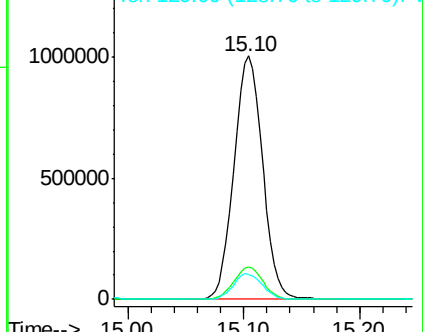
7/7/2020 10:08:31 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.031 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062365.D

Acq: 6 Jul 2020 13:38

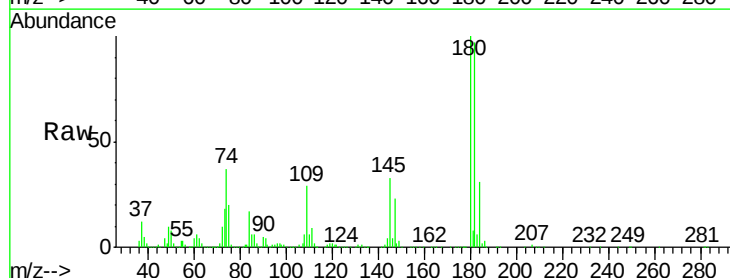
Tgt Ion:180 Resp: 637884

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 32.8 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

