

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062999.D
 Acq On : 18 Aug 2020 21:30
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:46:22 PM

Quant Time: Aug 19 06:13:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	276690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	258968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127226	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	104323	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	85598	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	10.06	98	333799	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.38	95	121269	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	121251	51.656	ug/l	99
3) Chloromethane	2.04	50	137032	55.636	ug/l	99
4) Vinyl Chloride	2.16	62	137041	57.533	ug/l	100
5) Bromomethane	2.51	94	82743	58.525	ug/l	99
6) Chloroethane	2.66	64	77574	55.160	ug/l	96
7) Trichlorofluoromethane	2.98	101	157190	52.918	ug/l	98
8) Diethyl Ether	3.37	74	54703	52.056	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	78963	49.332	ug/l	100
10) Methyl Iodide	3.91	142	101837	50.194	ug/l	99
11) Tert butyl alcohol	4.74	59	77798	257.982	ug/l	100
12) 1,1-Dichloroethene	3.70	96	74714	48.999	ug/l	96
13) Acrolein	3.57	56	16464	174.274	ug/l	100
14) Allyl chloride	4.28	41	134752	50.122	ug/l	98
15) Acrylonitrile	4.93	53	236609	266.947	ug/l	99
16) Acetone	3.78	43	172978	260.715	ug/l	100
17) Carbon Disulfide	4.01	76	206147	51.623	ug/l	99
18) Methyl Acetate	4.28	43	105010	49.633	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	284955	53.587	ug/l	100
20) Methylene Chloride	4.50	84	94421	50.311	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	81227	50.903	ug/l	97
22) Diisopropyl ether	5.90	45	324148	53.131	ug/l	98
23) Vinyl Acetate	5.84	43	1050200	255.090	ug/l	99
24) 1,1-Dichloroethane	5.80	63	169391	49.686	ug/l	98
25) 2-Butanone	6.79	43	284056	251.312	ug/l	98
26) 2,2-Dichloropropane	6.78	77	124884	46.578	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	102659	51.327	ug/l	97
28) Bromochloromethane	7.15	49	85082	47.697	ug/l	100
29) Tetrahydrofuran	7.17	42	197666	270.965	ug/l	99
30) Chloroform	7.33	83	174167	50.725	ug/l	100
31) Cyclohexane	7.62	56	169166	53.912	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	143897	51.334	ug/l	99
36) 1,1-Dichloropropene	7.75	75	124089	50.891	ug/l	99
37) Ethyl Acetate	6.88	43	108931	47.678	ug/l	98
38) Carbon Tetrachloride	7.73	117	122639	49.819	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	160395	48.763	ug/l	97
40) Benzene	8.00	78	387906	50.159	ug/l	99
41) Methacrylonitrile	7.12	41	52794	48.498	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	132754	51.124	ug/l	100
43) Isopropyl Acetate	8.13	43	192194	50.776	ug/l	99
44) Trichloroethene	8.80	130	94885	49.325	ug/l	97
45) 1,2-Dichloropropane	9.08	63	112338	50.253	ug/l	96
46) Dibromomethane	9.17	93	65664	50.847	ug/l	99
47) Bromodichloromethane	9.37	83	142472	50.370	ug/l	100
48) Methyl methacrylate	9.17	41	96265	53.751	ug/l	99
49) 1,4-Dioxane	9.17	88	38993	989.574	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	633689	264.861	ug/l	100
52) Toluene	10.13	92	244009	52.304	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	152917	52.279	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	167016	52.051	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	99465	49.863	ug/l	99
56) Ethyl methacrylate	10.40	69	149594	48.606	ug/l	98
57) 1,3-Dichloropropane	10.68	76	166837	50.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	173153	232.094	ug/l	100
59) 2-Hexanone	10.72	43	441247	264.401	ug/l	100
60) Dibromochloromethane	10.88	129	111358	50.444	ug/l	99
61) 1,2-Dibromoethane	10.98	107	99787	52.062	ug/l	99
64) Tetrachloroethene	10.60	164	86352	50.726	ug/l	99
65) Chlorobenzene	11.41	112	263924	50.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	102651	50.742	ug/l	100
67) Ethyl Benzene	11.49	91	475973	54.160	ug/l	99
68) m/p-Xylenes	11.60	106	358970	109.901	ug/l	99
69) o-Xylene	11.92	106	171032	54.529	ug/l	98
70) Styrene	11.94	104	304934	49.029	ug/l	99
71) Bromoform	12.10	173	82896	51.481	ug/l #	100
73) Isopropylbenzene	12.23	105	466975	53.599	ug/l	99
74) N-amyl acetate	12.05	43	176702	56.629	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	150389	53.614	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	116352m	47.049	ug/l	
77) Bromobenzene	12.50	156	123249	51.436	ug/l	99
78) n-propylbenzene	12.57	91	548215	55.204	ug/l	100
79) 2-Chlorotoluene	12.65	91	324927	52.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	399971	55.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	48003	53.311	ug/l	98
82) 4-Chlorotoluene	12.75	91	340218	53.491	ug/l	99
83) tert-Butylbenzene	12.97	119	342344	55.073	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	389268	55.480	ug/l	99
85) sec-Butylbenzene	13.15	105	461819	54.971	ug/l	100
86) p-Isopropyltoluene	13.26	119	407555	55.676	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	214388	52.061	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	213989	51.197	ug/l	100
89) n-Butylbenzene	13.59	91	325252	47.053	ug/l	99
90) Hexachloroethane	13.85	117	76619	49.245	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	207132	52.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23874	54.410	ug/l	98

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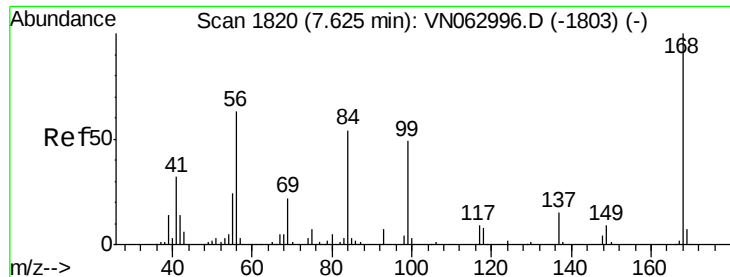
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	101472	46.382	ug/l	99
94) Hexachlorobutadiene	14.99	225	72626	49.409	ug/l	100
95) Naphthalene	15.10	128	228448	45.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	100509	46.777	ug/l	99

(#) = 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

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Instrument :

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ClientSampleId :

ICVVN081820

Tot Ion:168 Resp: 179634

Ion Ratio Lower Upper

168 100

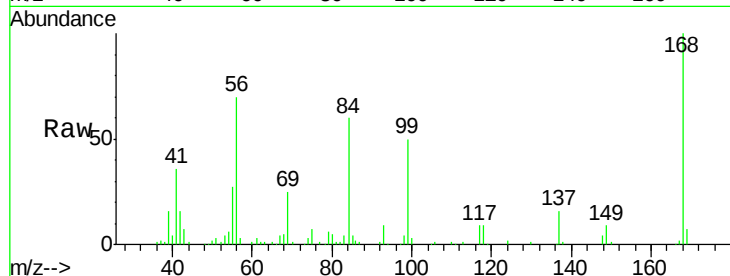
99 50.1 42.0 63.0

Manual Integrations

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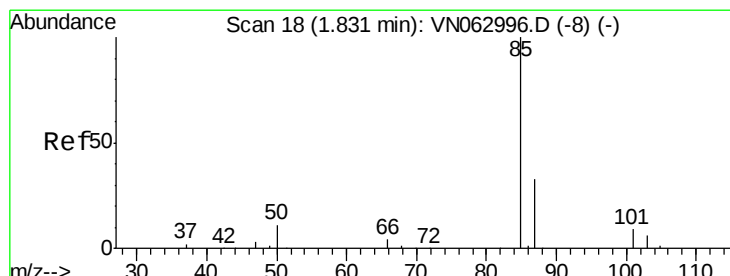
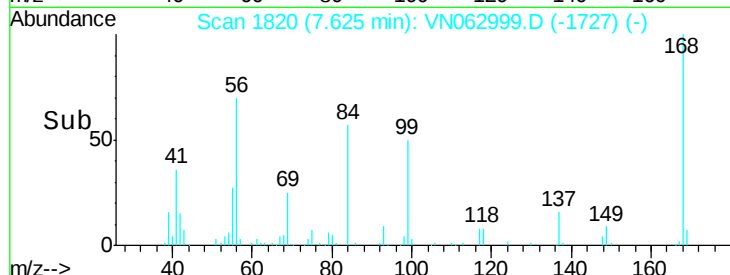
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.656 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062999.D

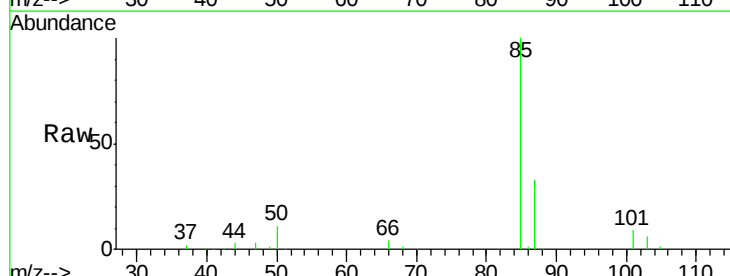
Acq: 18 Aug 2020 21:30

Tgt Ion: 85 Resp: 121251

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



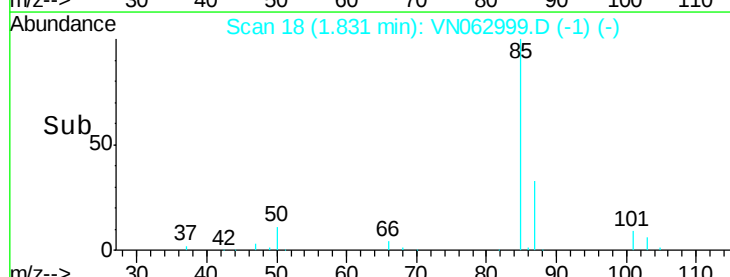
Abundance Ion 84.90 (84.60 to 85.60): VN

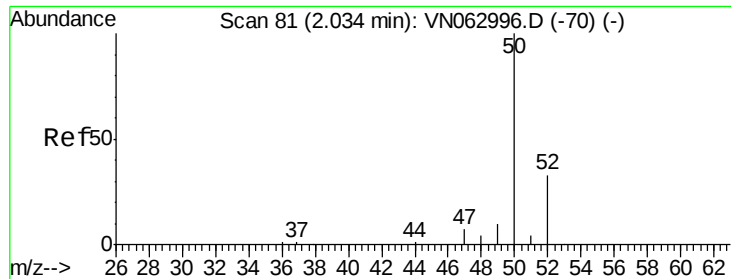
Ion 86.90 (86.60 to 87.60): VN

1.83

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 55.636 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

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ClientSampleId :

ICVVN081820

Tot Ion: 50 Resp: 137032

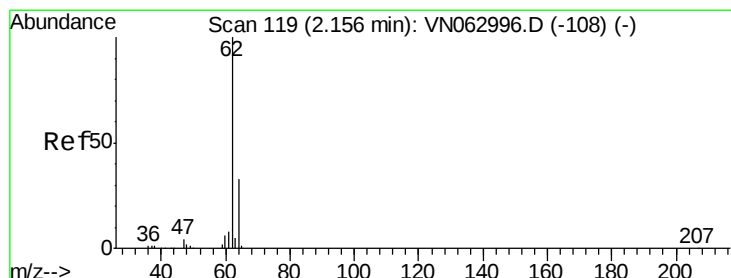
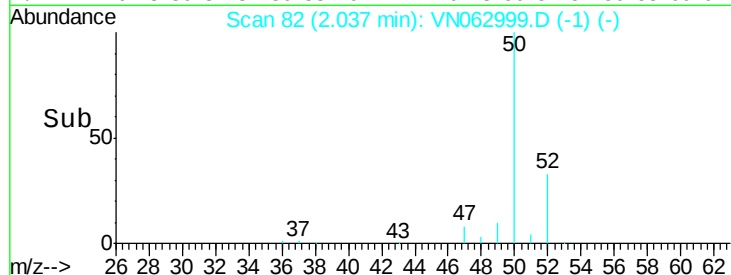
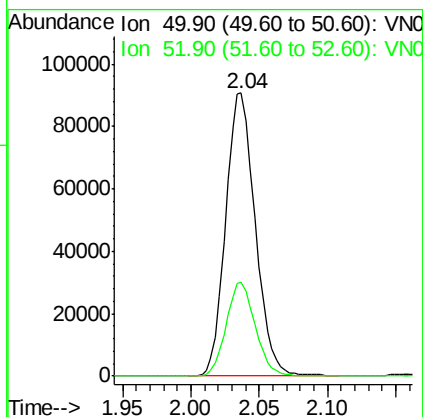
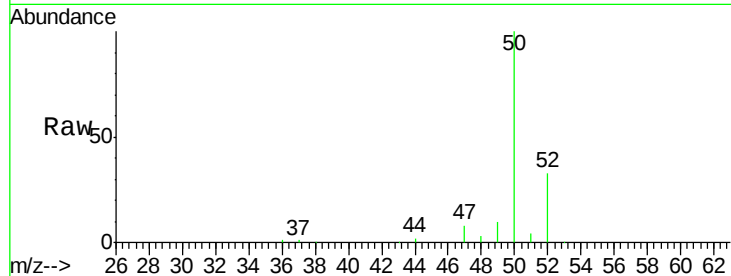
Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0

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#4

Vinyl Chloride

Concen: 57.533 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062999.D

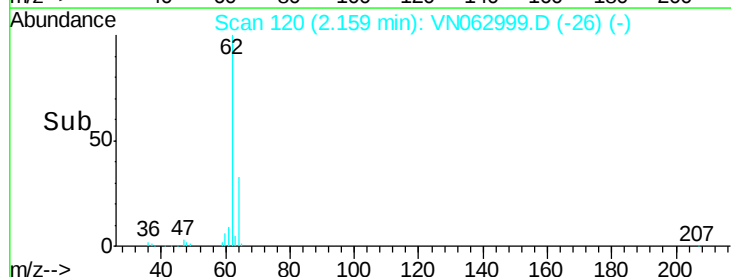
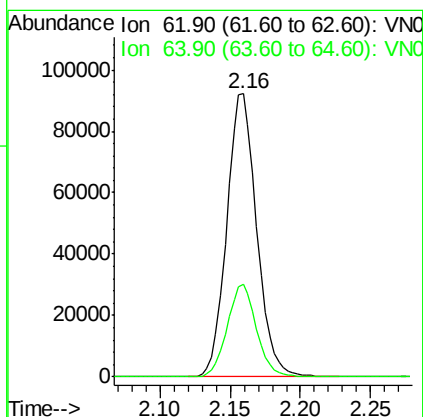
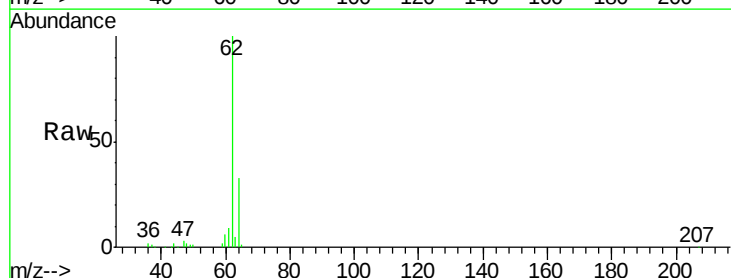
Acq: 18 Aug 2020 21:30

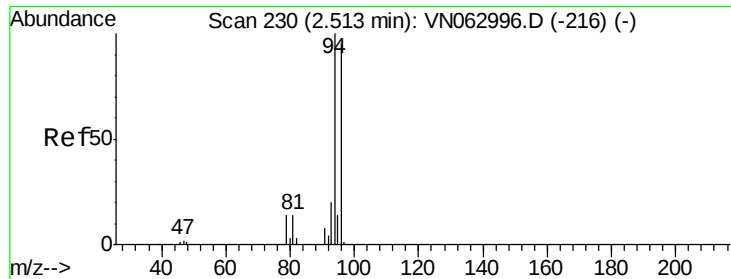
Tgt Ion: 62 Resp: 137041

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 58.525 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.00 min

Lab File: VN062999.D

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Tot Ion: 94 Resp: 82743

Ion Ratio Lower Upper

94 100

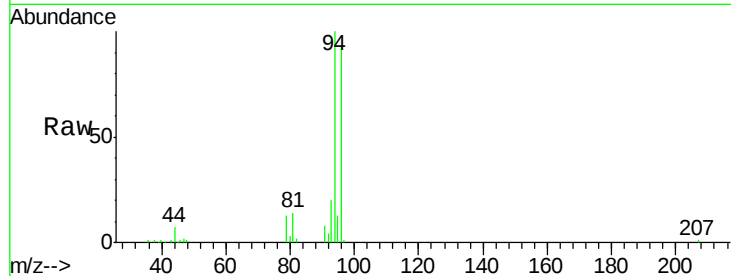
96 93.4 75.8 113.8

Manual Integrations

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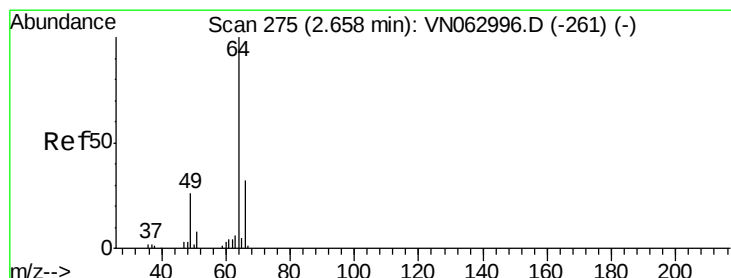
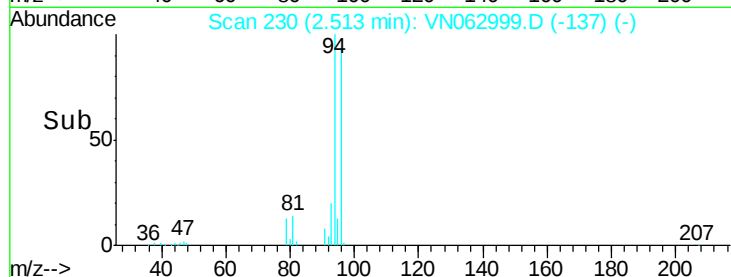
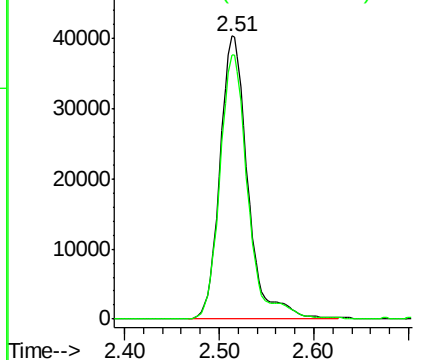
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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 55.160 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.00 min

Lab File: VN062999.D

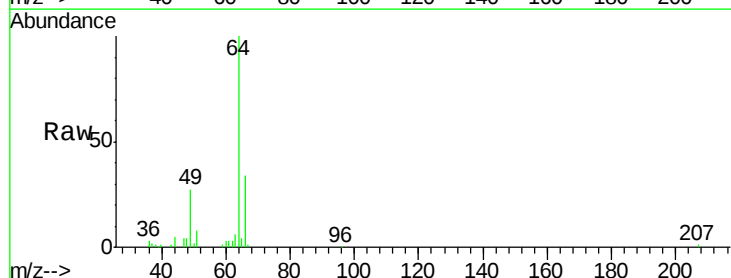
Acq: 18 Aug 2020 21:30

Tgt Ion: 64 Resp: 77574

Ion Ratio Lower Upper

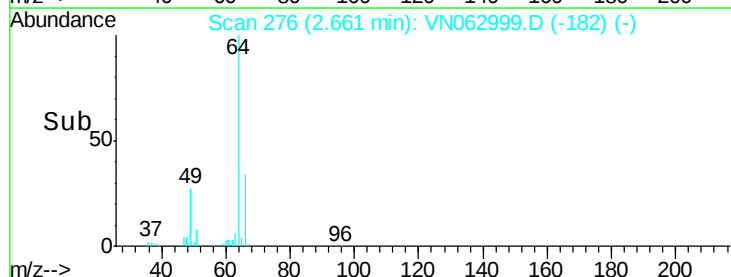
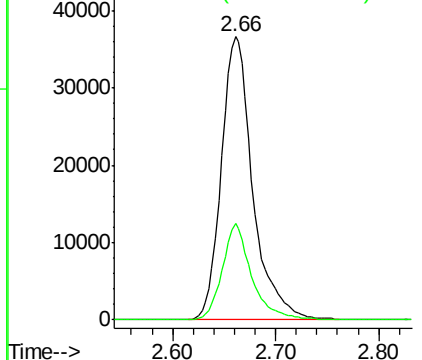
64 100

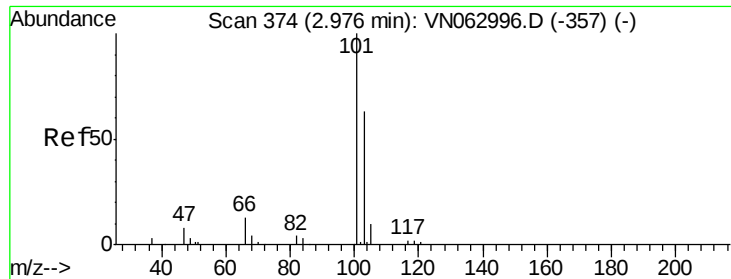
66 34.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC





#7

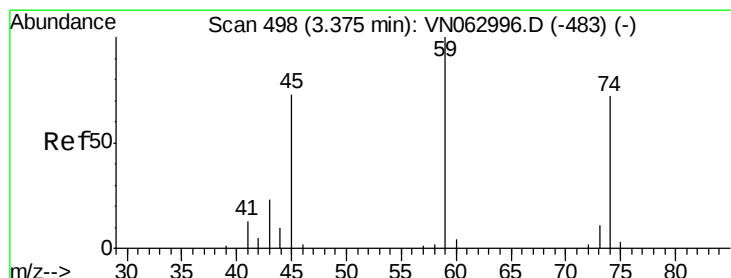
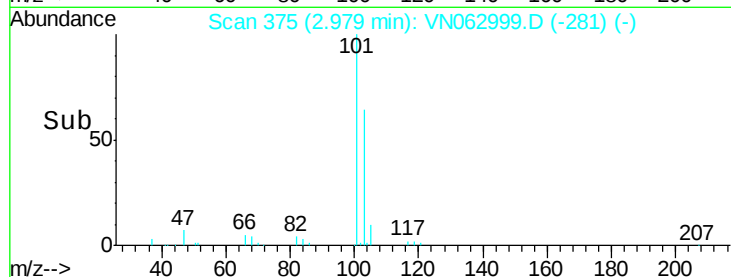
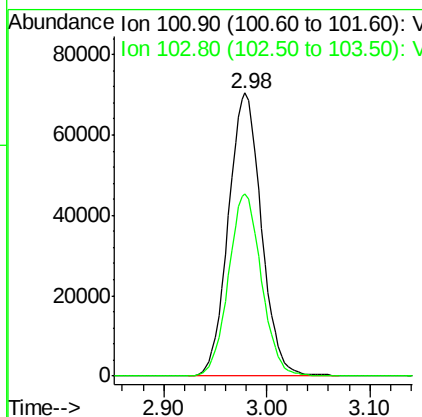
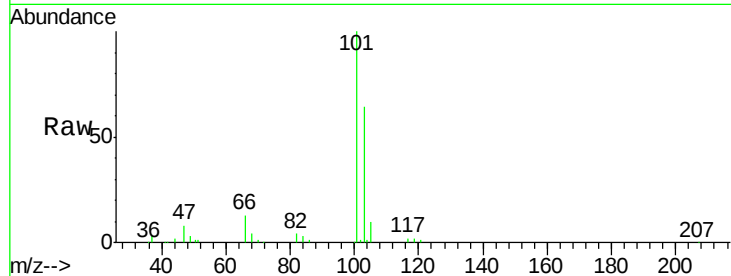
Trichlorofluoromethane
 Concen: 52.918 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062999.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	157190		
103	64.5	50.5	75.7	

Manual Integrations
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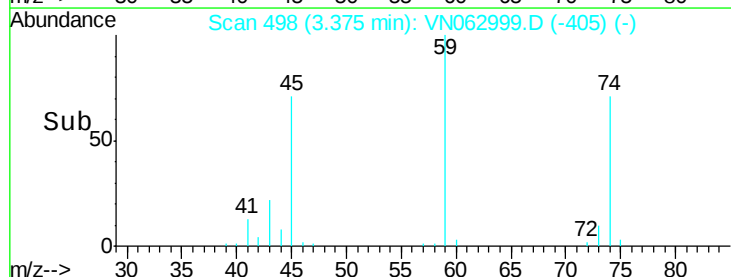
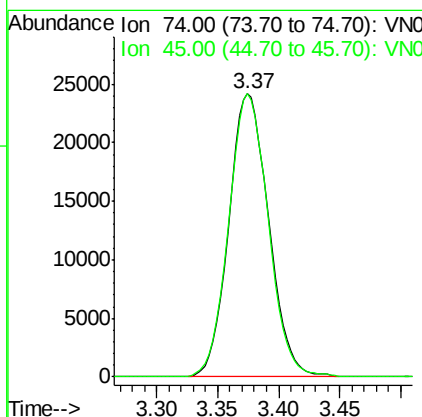
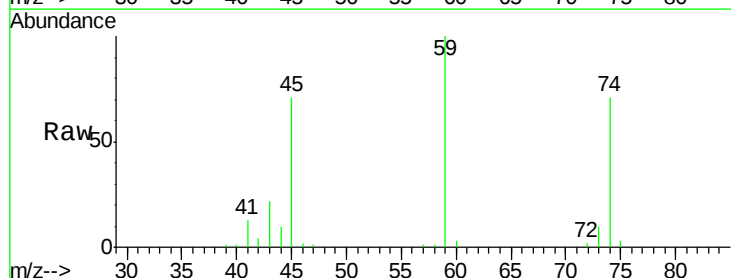
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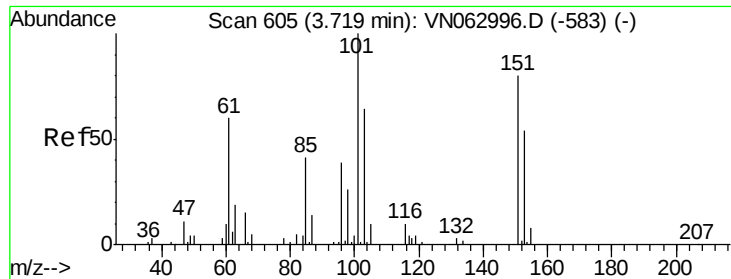


#8

Diethyl Ether
 Concen: 52.056 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062999.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54703		
45	99.5	49.9	149.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.332 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062999.D

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Instrument :

MSVOA_N

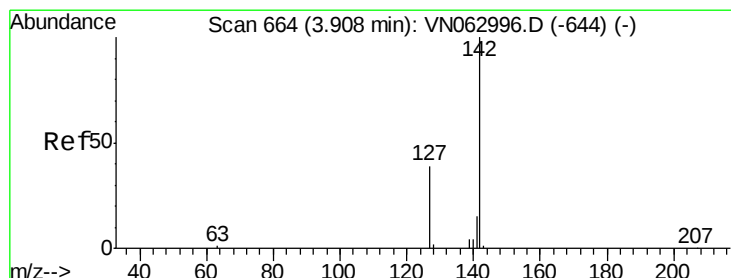
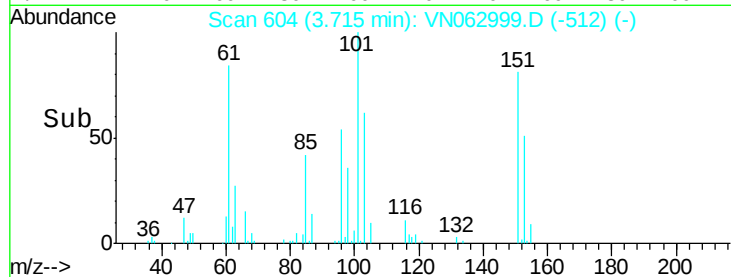
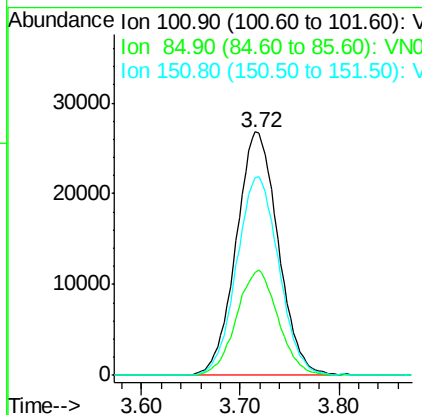
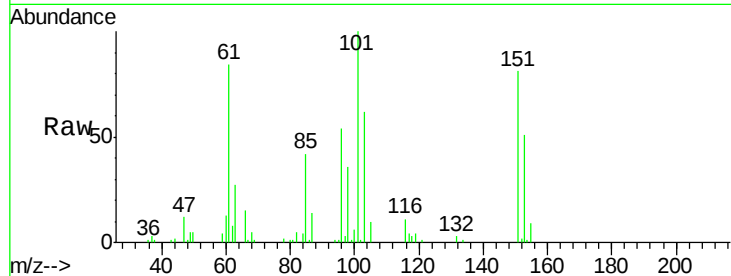
ClientSampleId :

ICVVN081820

Tot Ion:	101	Resp:	78963
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.0	51.0
151	82.2	65.8	98.8

Manual Integrations
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#10

Methyl Iodide

Concen: 50.194 ug/l

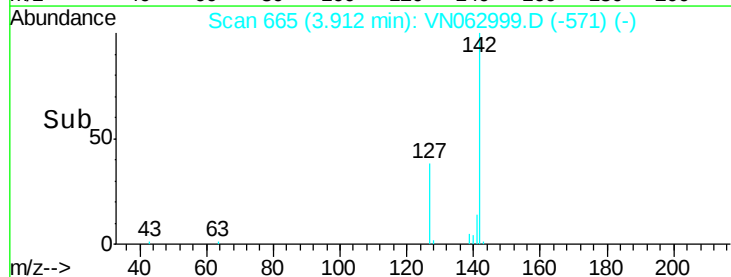
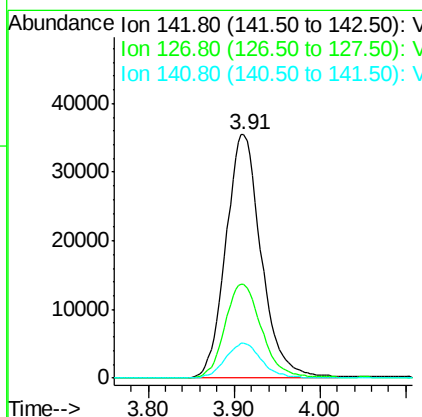
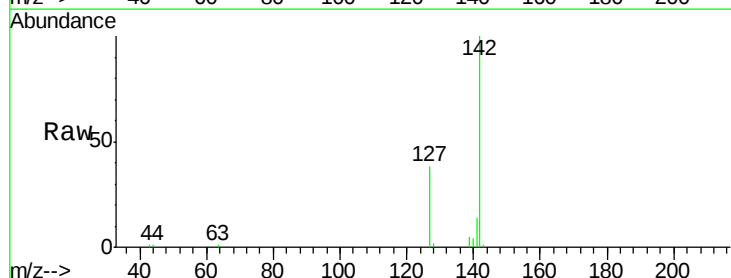
RT: 3.91 min Scan# 665

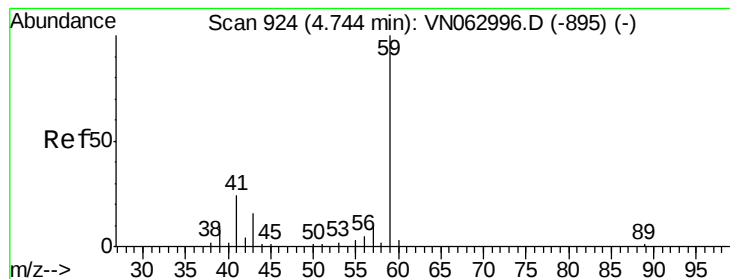
Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion:	142	Resp:	101837
Ion Ratio	Lower	Upper	
142	100		
127	39.9	32.2	48.4
141	14.4	11.3	16.9





#11

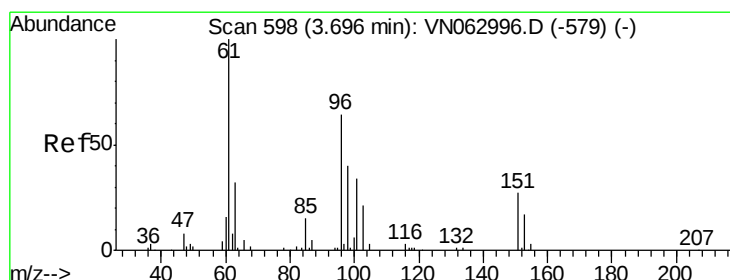
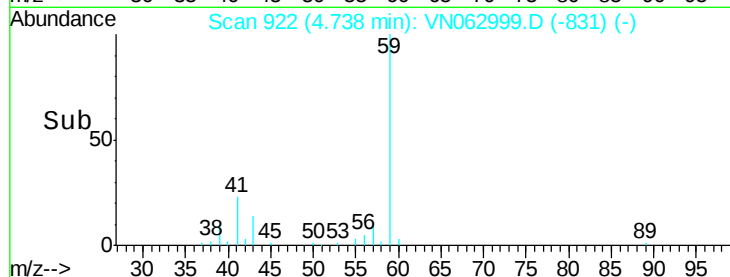
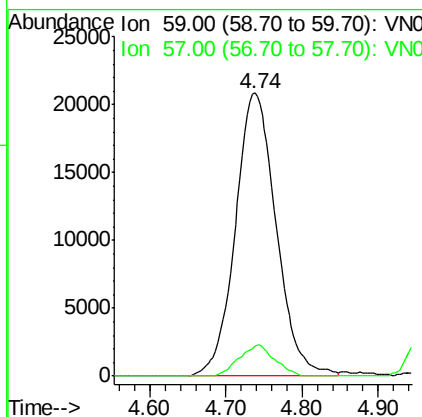
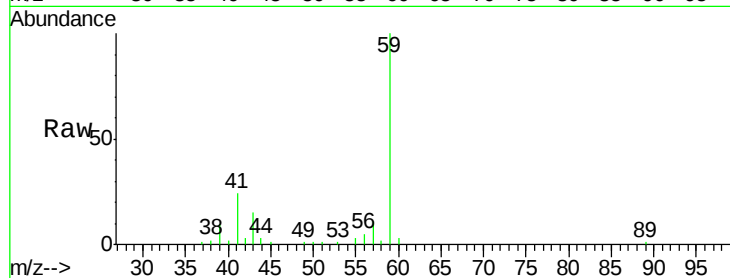
Tert butyl alcohol
 Concen: 257.982 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
59	100	77798		
57	9.6		7.8	11.6

Manual Integrations
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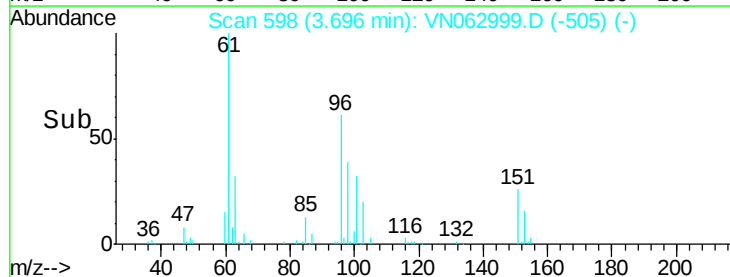
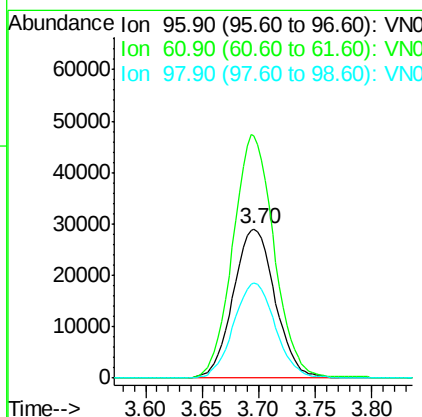
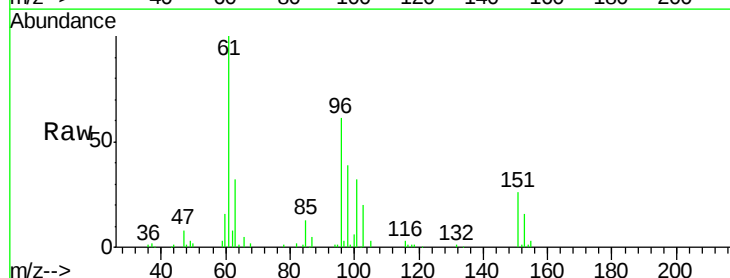
MMDadoda
 8/19/2020 5:46:22 PM

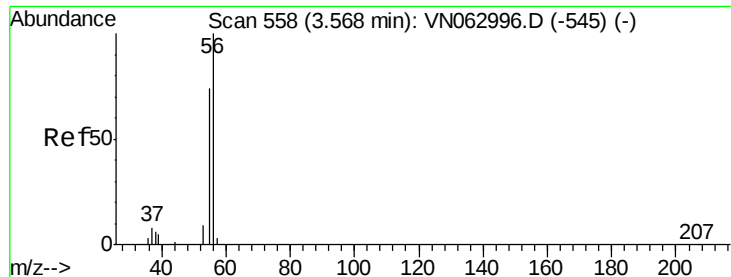


#12

1,1-Dichloroethene
 Concen: 48.999 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	74714		
61	162.9		125.5	188.3
98	64.2		50.4	75.6





#13

Acrolein

Concen: 174.274 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

Tot Ion: 56 Resp: 16464

Ion Ratio Lower Upper

56 100

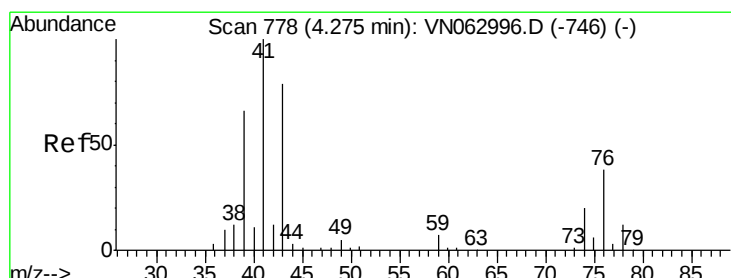
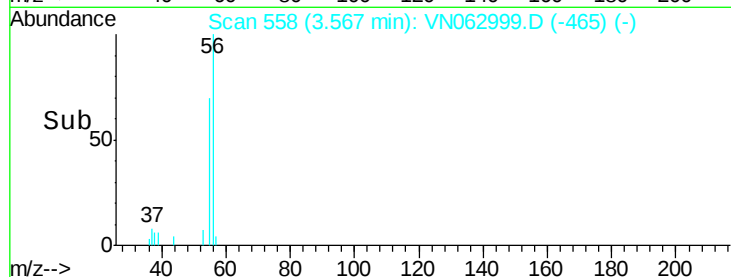
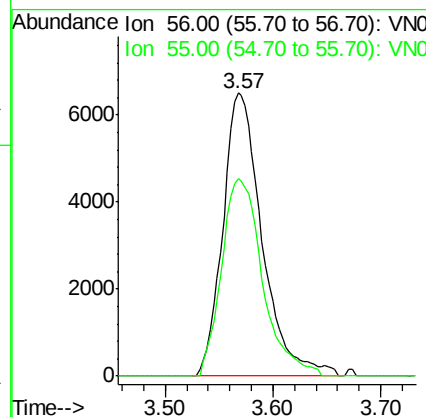
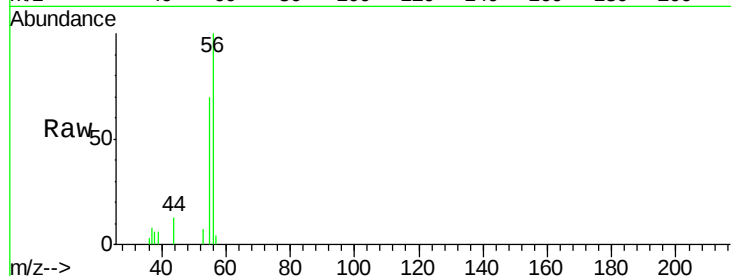
55 72.9 58.4 87.6

Manual Integrations

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#14

Allyl chloride

Concen: 50.122 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

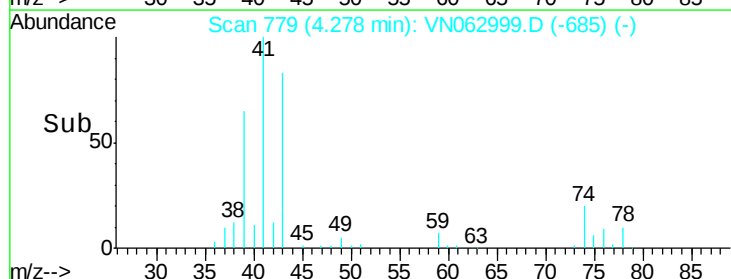
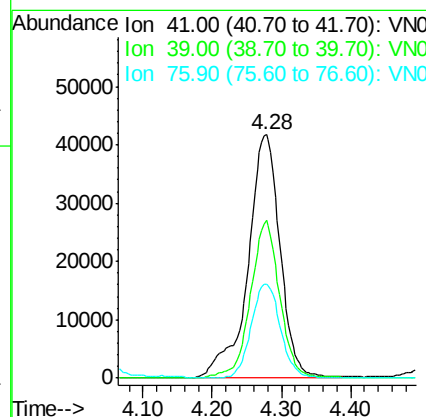
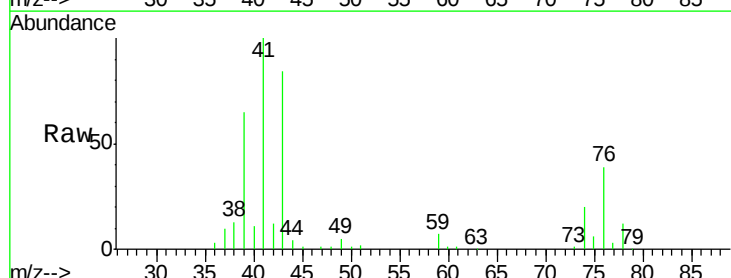
Tgt Ion: 41 Resp: 134752

Ion Ratio Lower Upper

41 100

39 58.6 47.9 71.9

76 35.1 27.0 40.6





#15

Acrylonitrile

Concen: 266.947 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

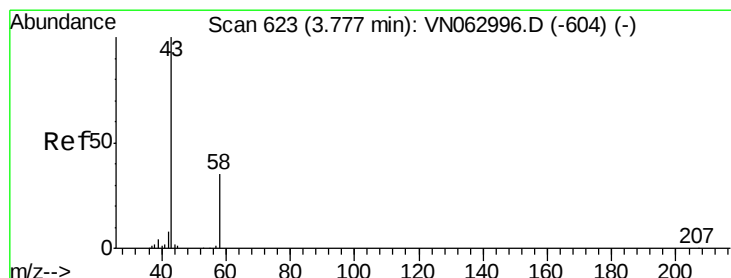
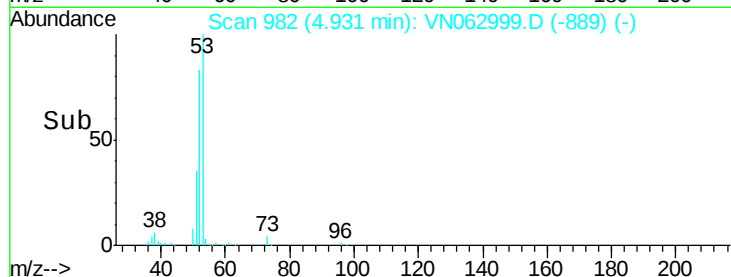
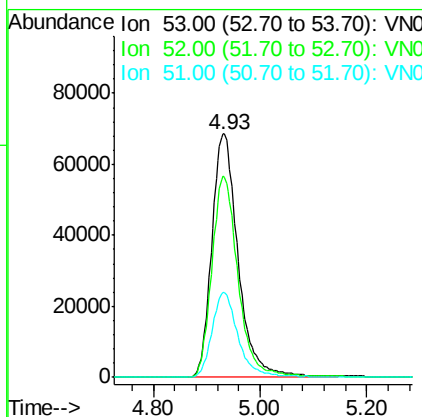
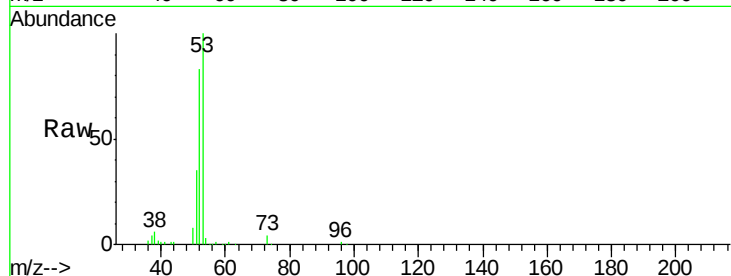
ClientSampleId :

ICVVN081820

Tot Ion:	53	Resp:	236609
Ion Ratio		Lower	Upper
53	100		
52	81.2	65.6	98.4
51	34.5	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 260.715 ug/l

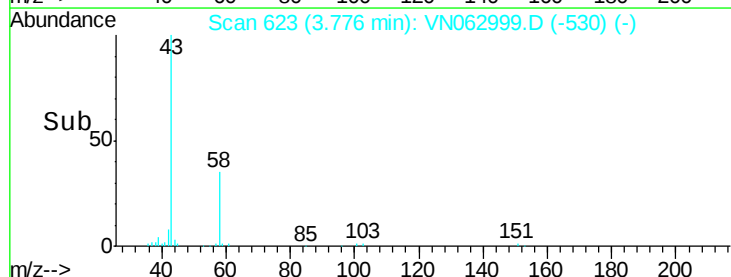
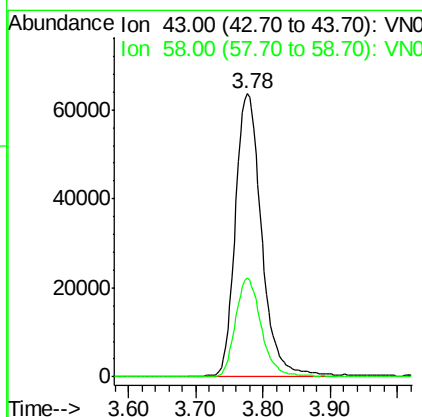
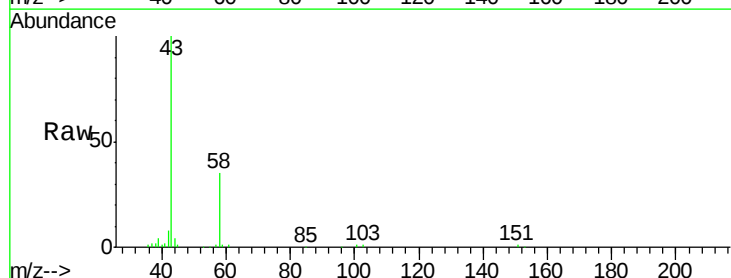
RT: 3.78 min Scan# 623

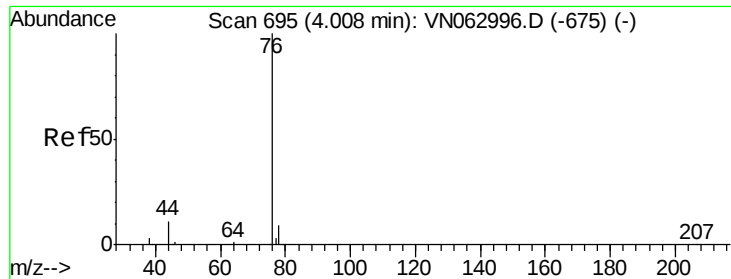
Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion:	43	Resp:	172978
Ion Ratio		Lower	Upper
43	100		
58	34.8	27.8	41.6





#17

Carbon Disulfide

Concen: 51.623 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

Tot Ion: 76 Resp: 206147

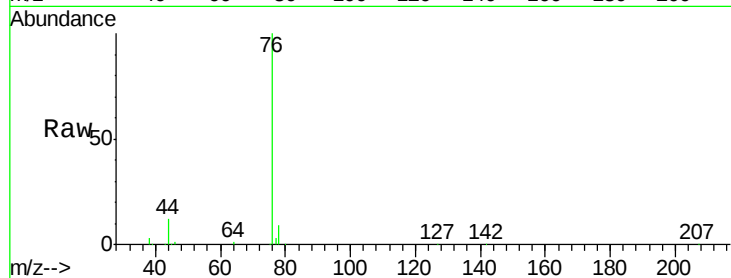
Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3

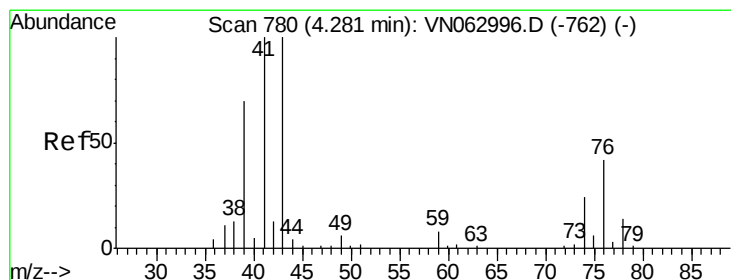
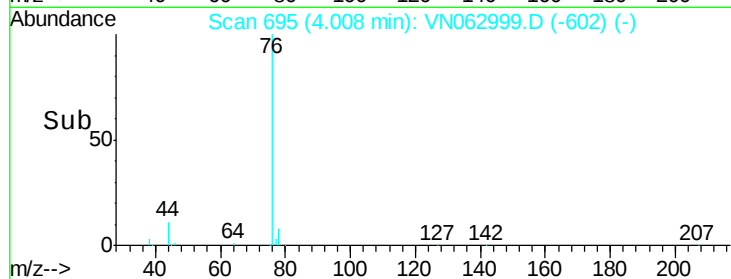
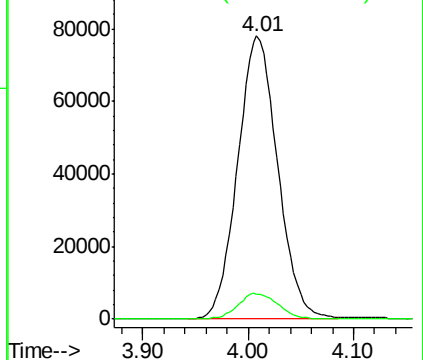
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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 49.633 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN062999.D

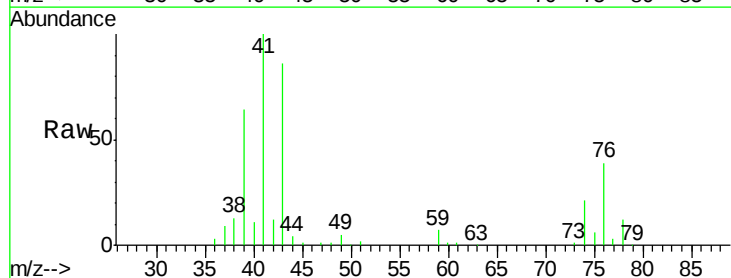
Acq: 18 Aug 2020 21:30

Tgt Ion: 43 Resp: 105010

Ion Ratio Lower Upper

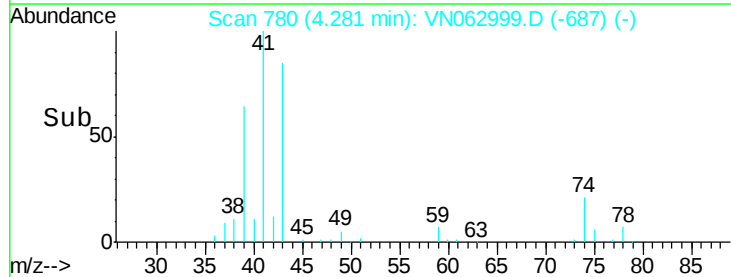
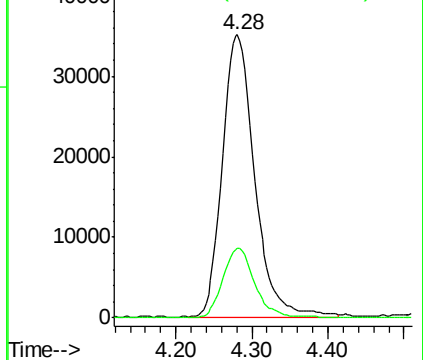
43 100

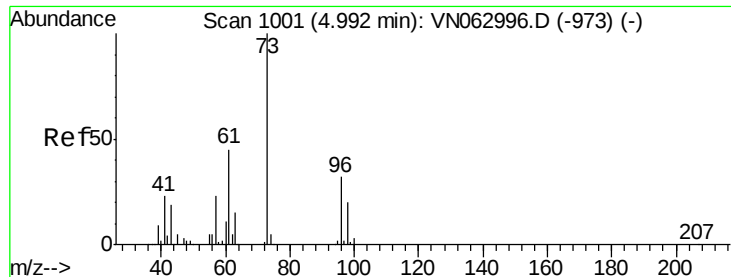
74 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





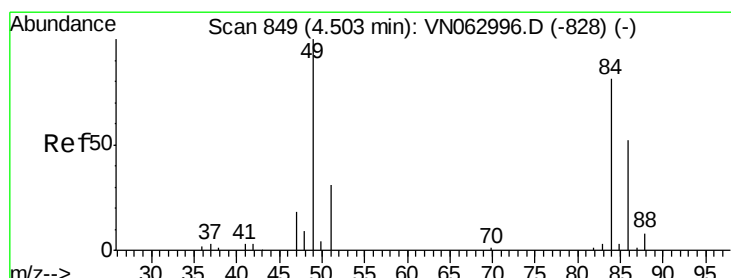
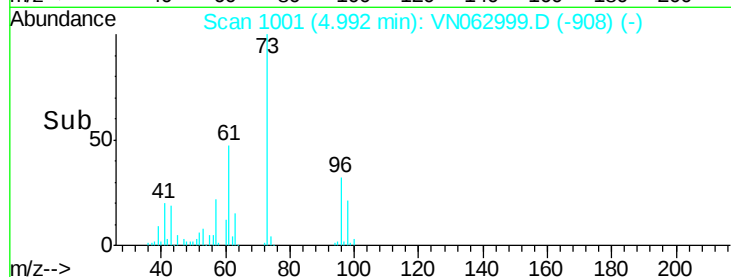
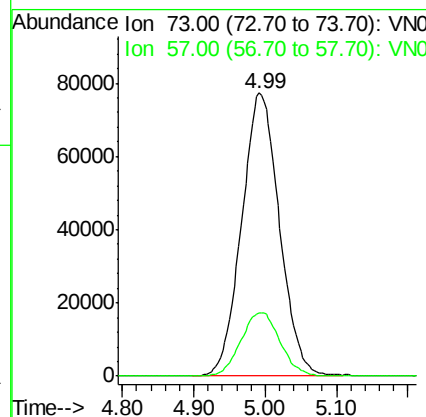
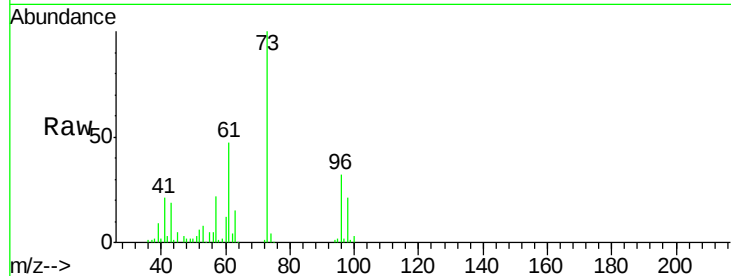
#19
Methvl tert-butvl Ether
Concen: 53.587 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.1	27.1

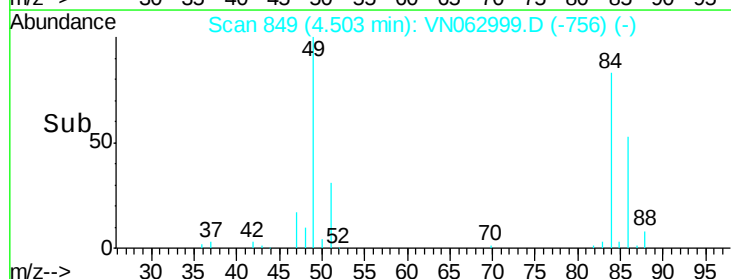
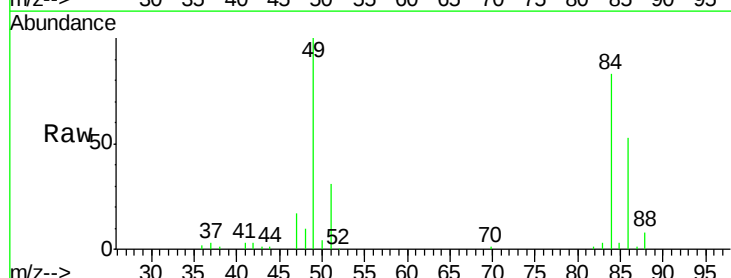
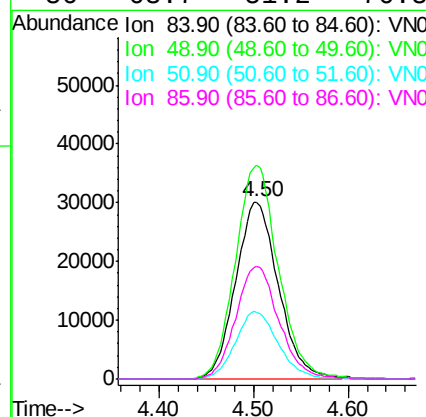
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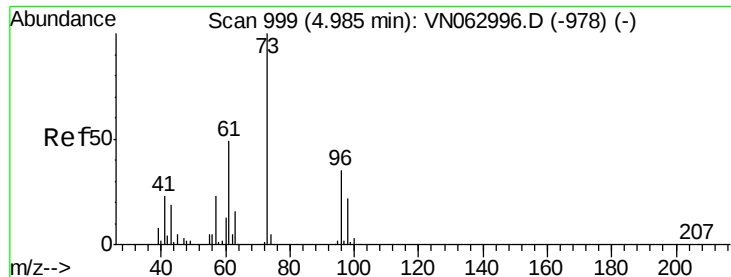
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#20
Methylene Chloride
Concen: 50.311 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	98.7	148.1
51	37.9	30.8	46.2
86	63.7	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 50.903 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

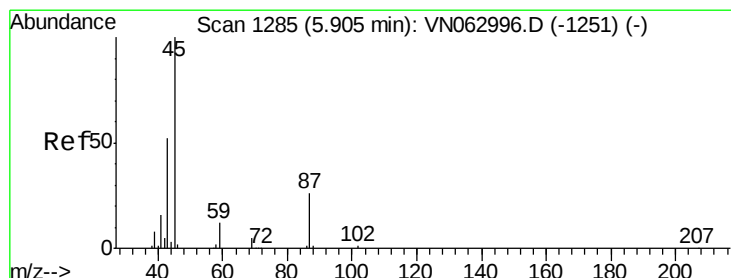
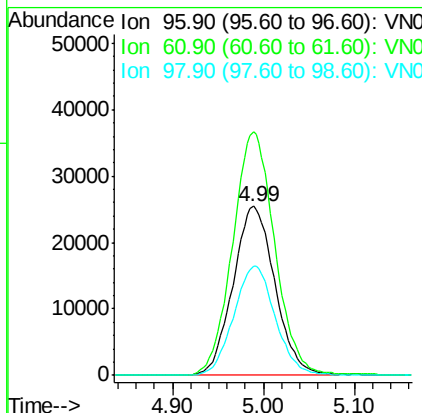
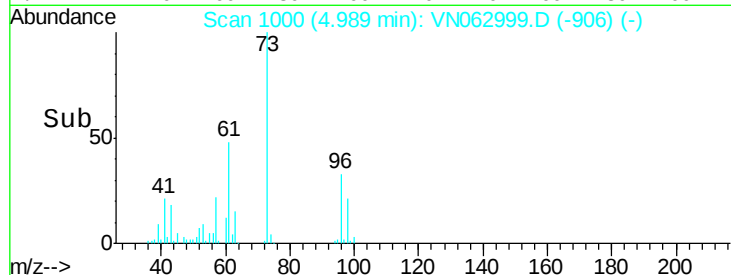
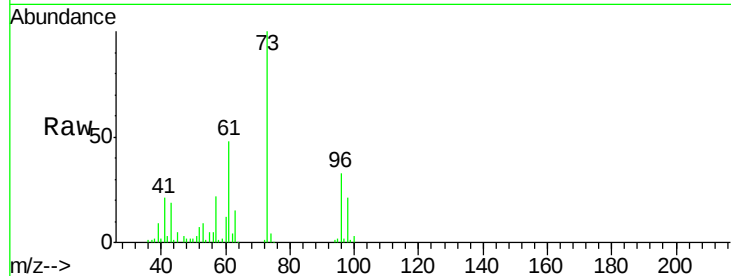
ClientSampleId :

ICVVN081820

Tot Ion:	96	Resp:	81227
Ion	Ratio	Lower	Upper
96	100		
61	144.3	112.5	168.7
98	64.4	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.131 ug/l

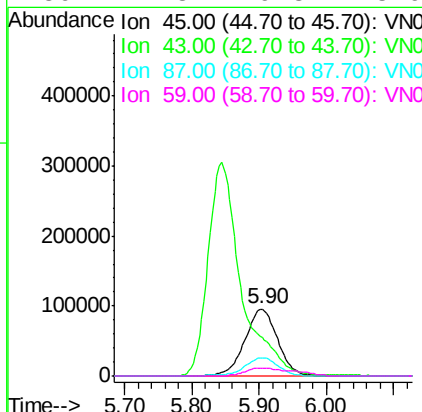
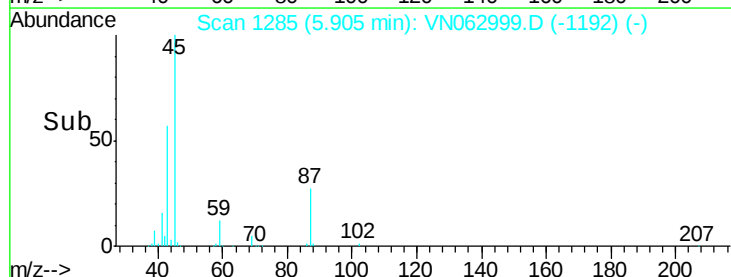
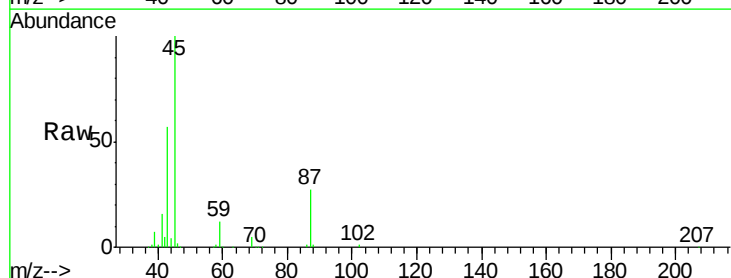
RT: 5.90 min Scan# 1285

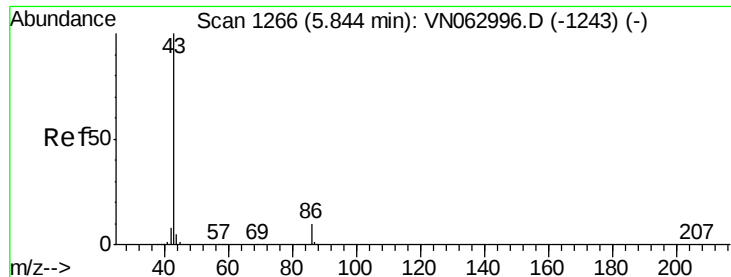
Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion:	45	Resp:	324148
Ion	Ratio	Lower	Upper
45	100		
43	55.3	45.7	68.5
87	27.1	21.8	32.6
59	11.8	9.3	13.9





#23

Vinyl Acetate

Concen: 255.090 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

Tot Ion: 43 Resp: 1050200

Ion Ratio Lower Upper

43 100

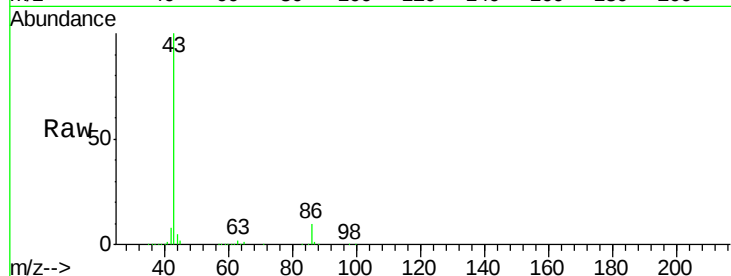
86 10.2 8.0 12.0

Manual Integrations

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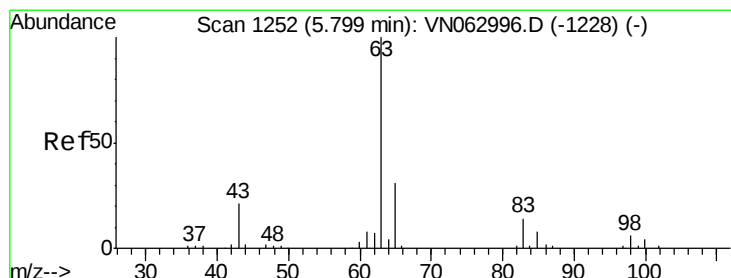
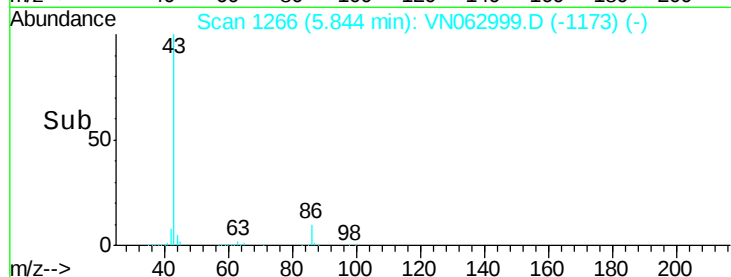
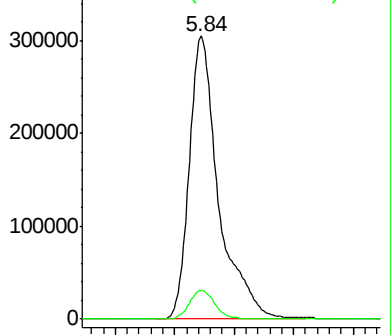
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.686 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

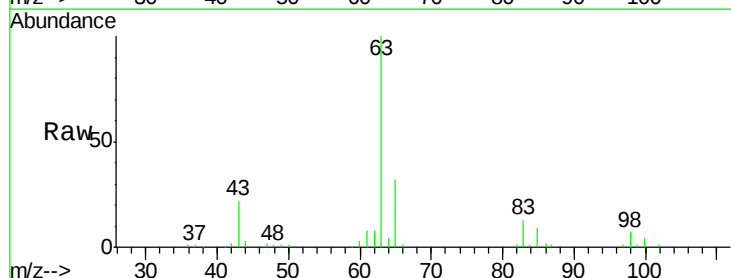
Tgt Ion: 63 Resp: 169391

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

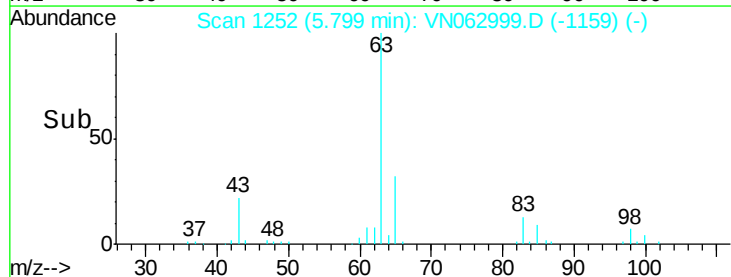
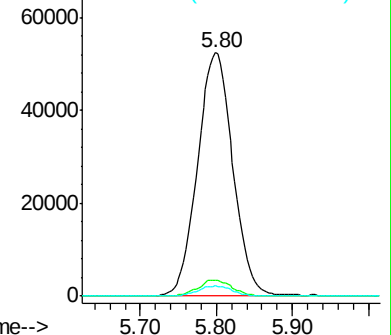
100 4.2 2.0 5.8

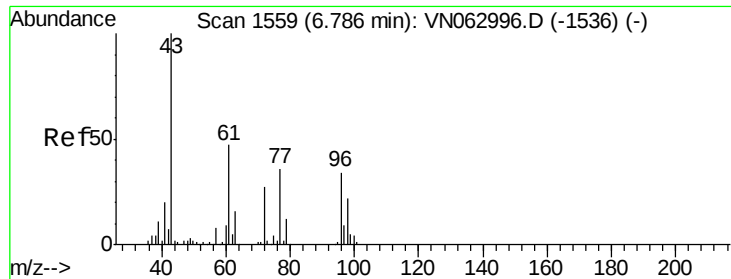


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





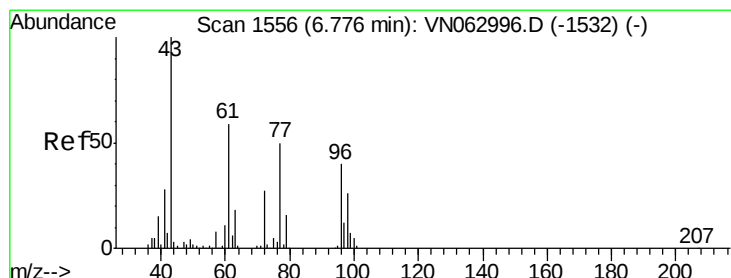
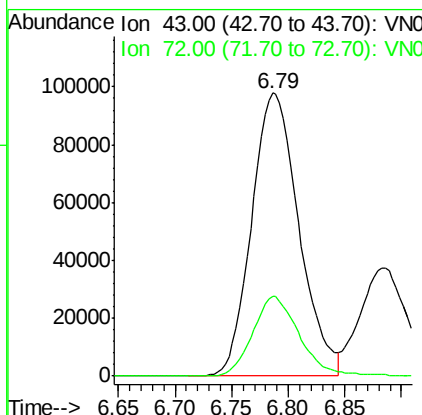
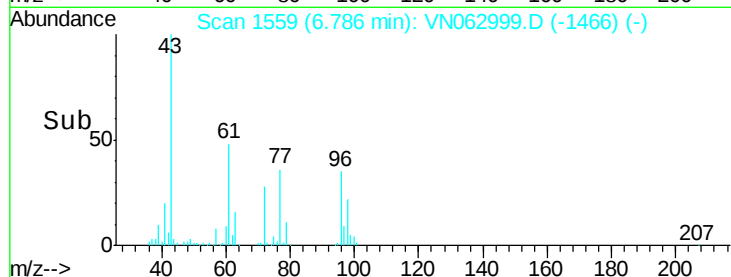
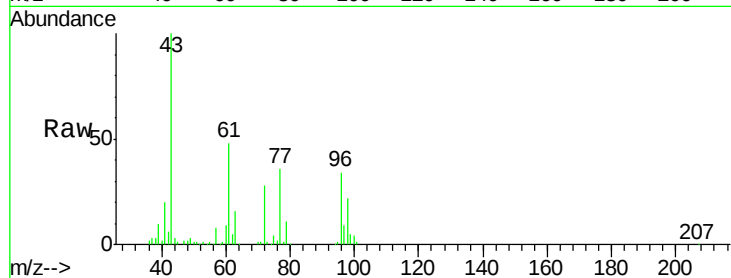
#25
2-Butanone
Concen: 251.312 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion: 43 Resp: 284056
Ion Ratio Lower Upper
43 100
72 28.3 21.8 32.6

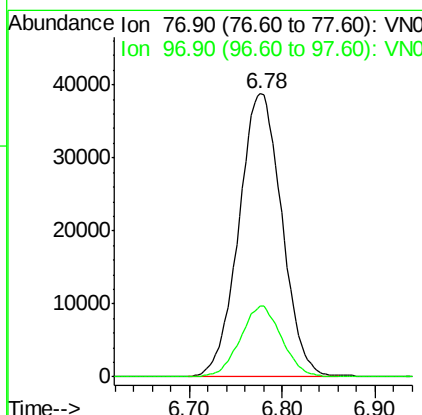
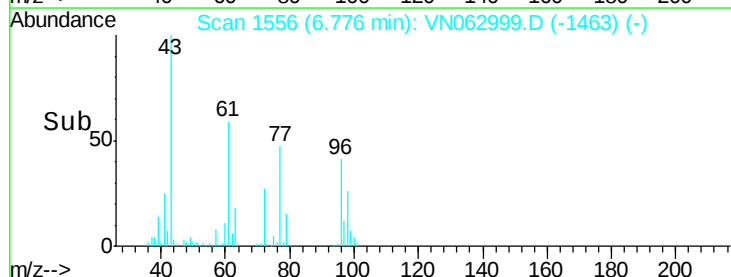
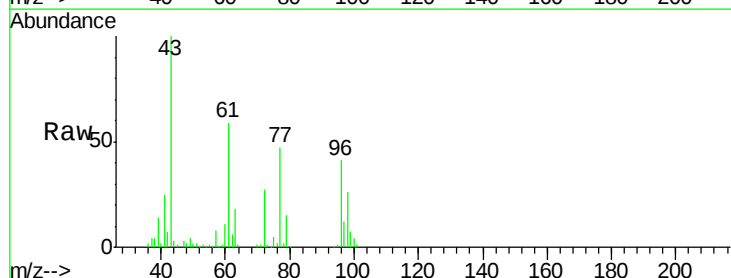
Manual Integrations
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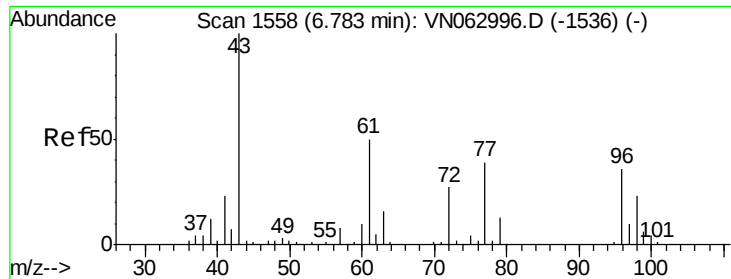
MMDadoda
8/19/2020 5:46:22 PM



#26
2,2-Dichloropropane
Concen: 46.578 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 77 Resp: 124884
Ion Ratio Lower Upper
77 100
97 24.0 11.7 35.1





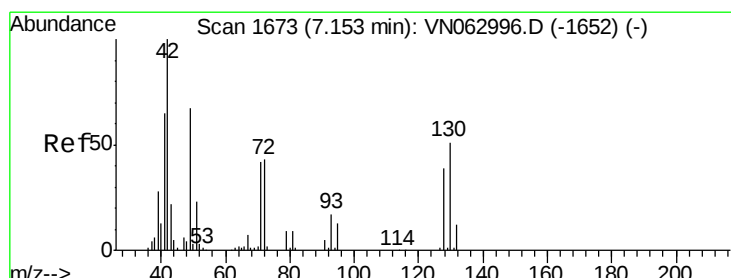
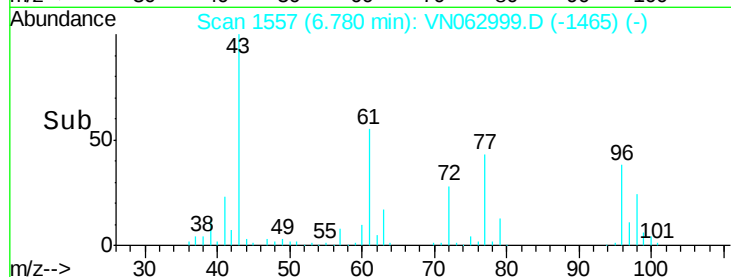
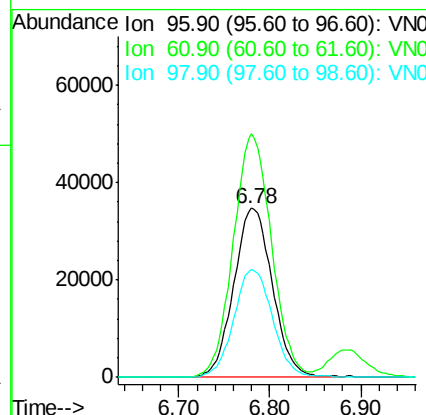
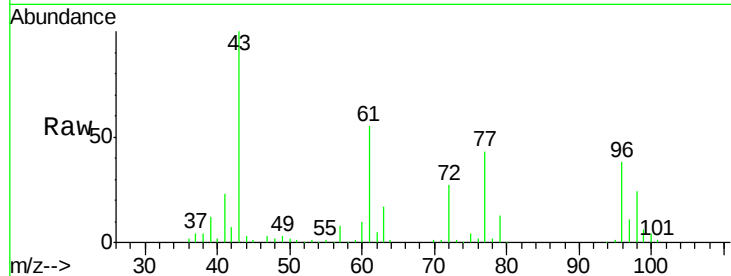
#27
 cis-1,2-Dichloroethene
 Concen: 51.327 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
96	100	102659		
61	142.3	0.0	292.8	
98	63.6	0.0	130.6	

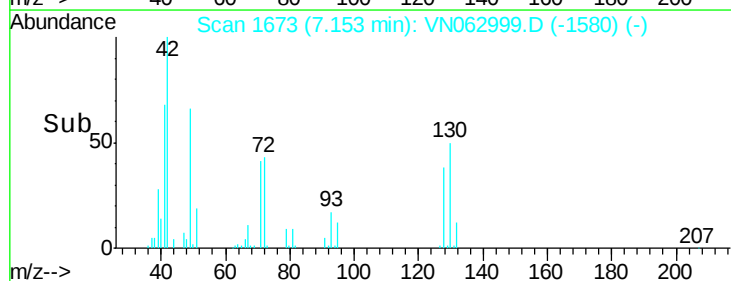
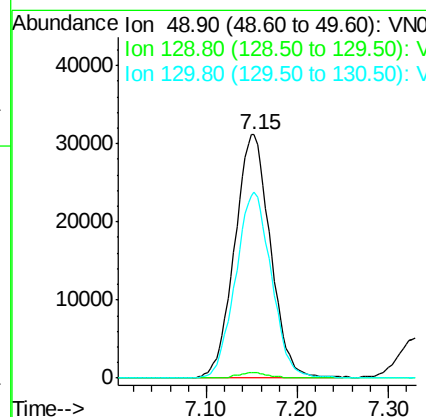
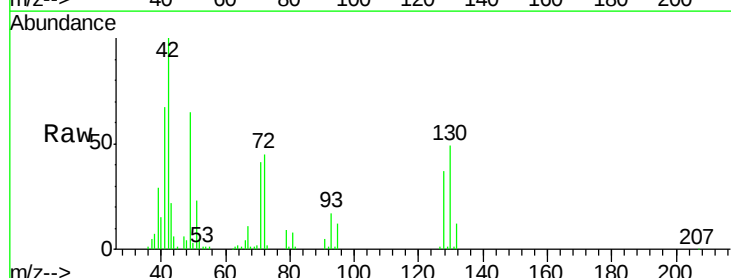
Manual Integrations
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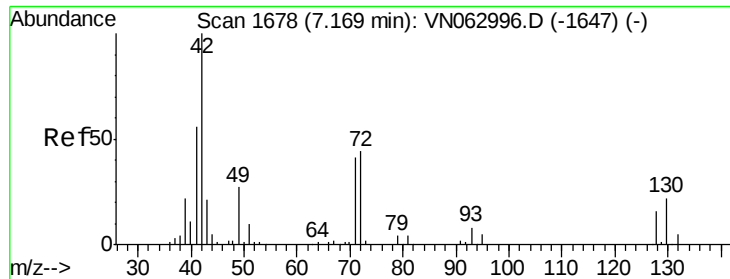
MMDadoda
 8/19/2020 5:46:22 PM



#28
 Bromochloromethane
 Concen: 47.697 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85082		
129	1.8	0.0	3.6	
130	76.4	61.1	91.7	





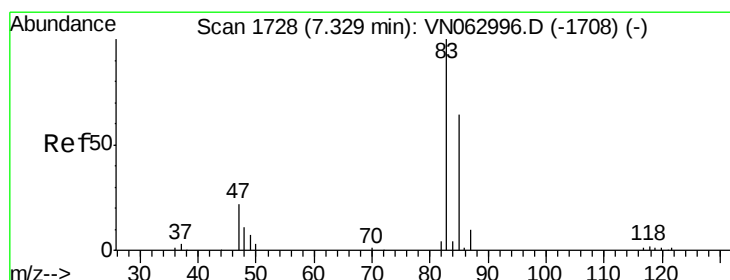
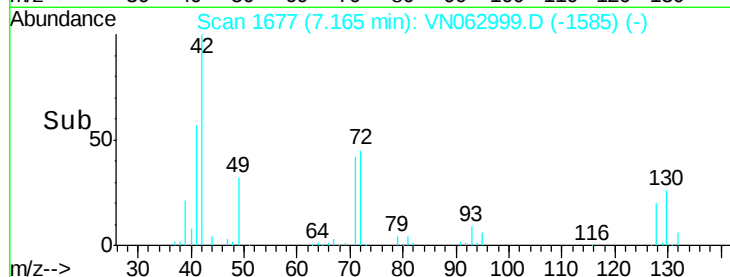
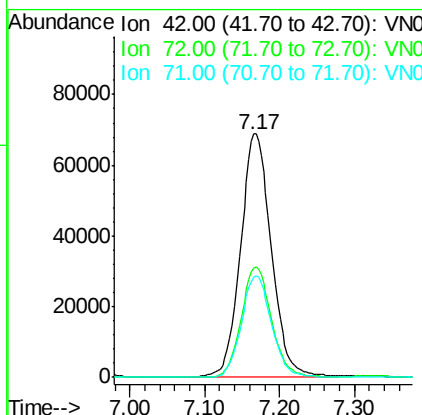
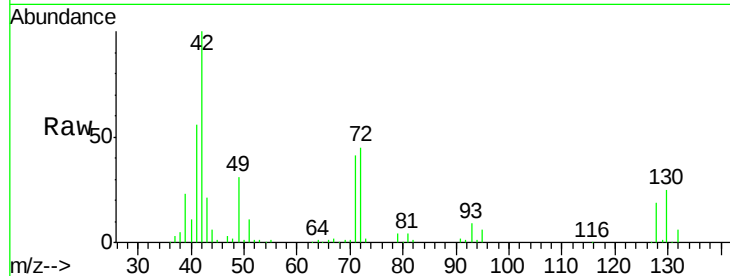
#29
Tetrahydrofuran
Concen: 270.965 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.6	52.0
71	40.5	32.3	48.5

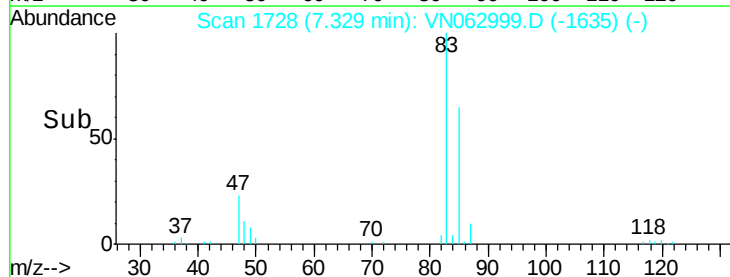
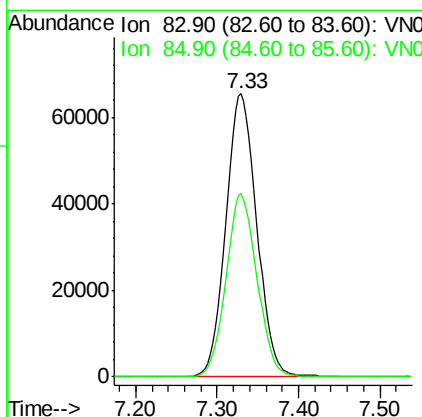
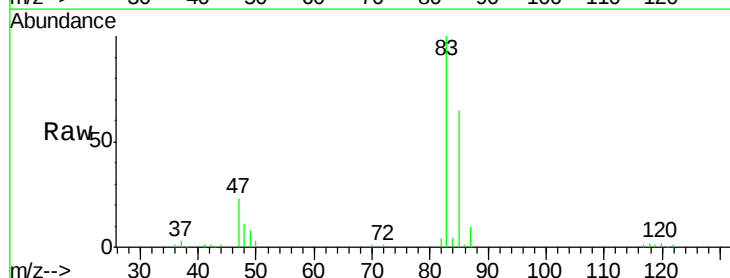
Manual Integrations
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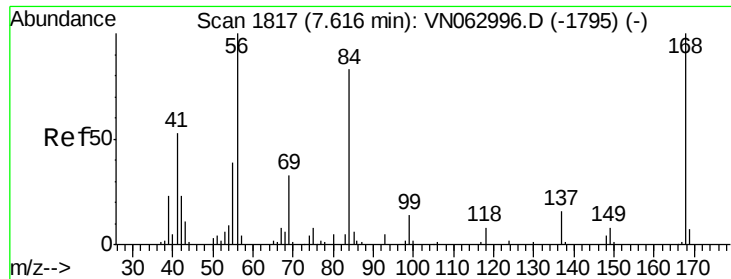
MMDadoda
8/19/2020 5:46:22 PM



#30
Chloroform
Concen: 50.725 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





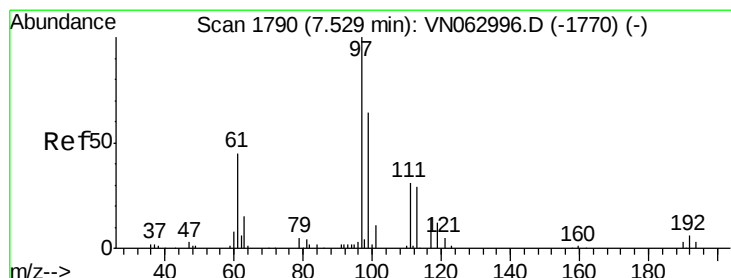
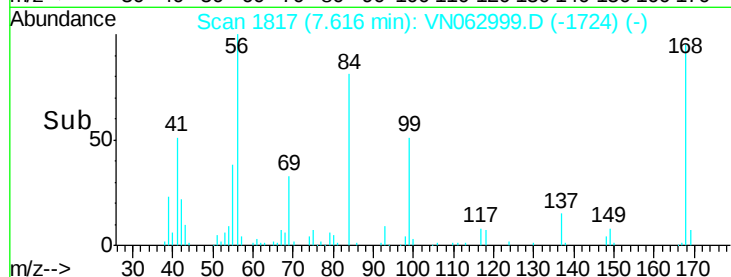
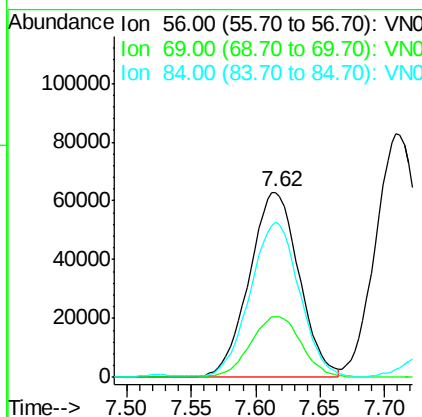
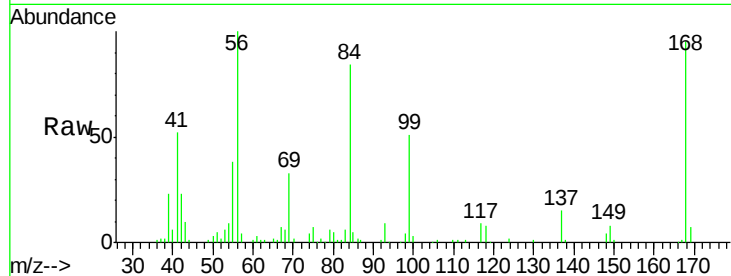
#31
Cyclohexane
Concen: 53.912 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
56	100	169166		
69	32.9	26.6	40.0	
84	82.9	66.4	99.6	

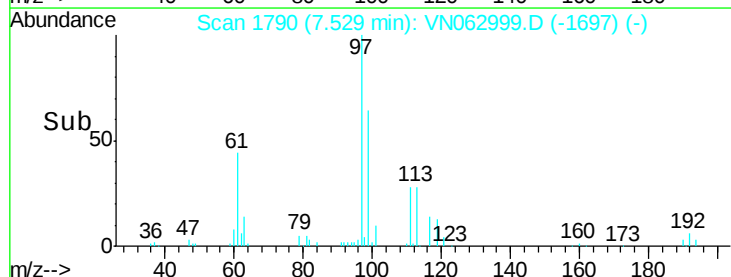
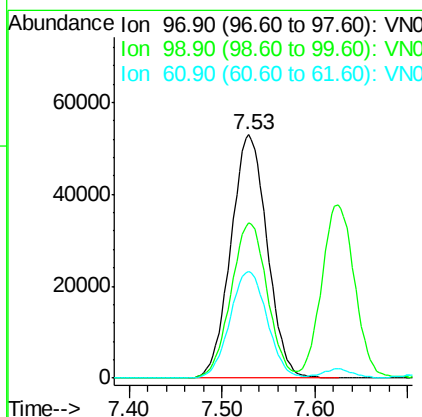
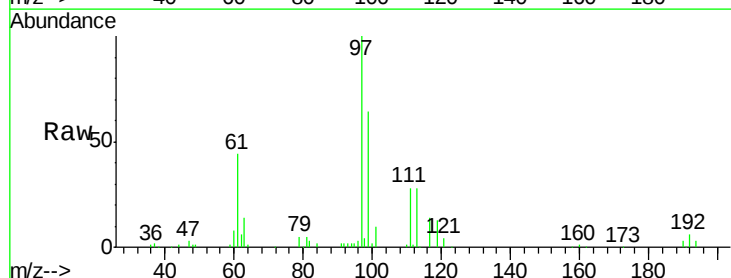
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 51.334 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	143897		
99	63.7	52.0	78.0	
61	44.8	36.2	54.4	





#33

1,2-Dichloroethane-d4

Concen: 49.001 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVFN081820

Tot Ion: 65 Resp: 104323

Ion Ratio Lower Upper

65 100

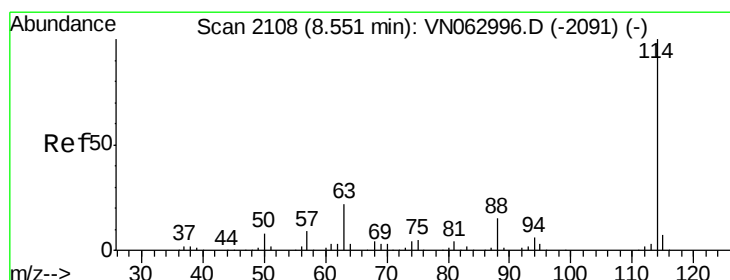
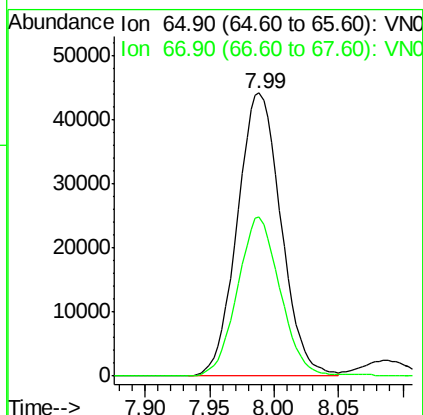
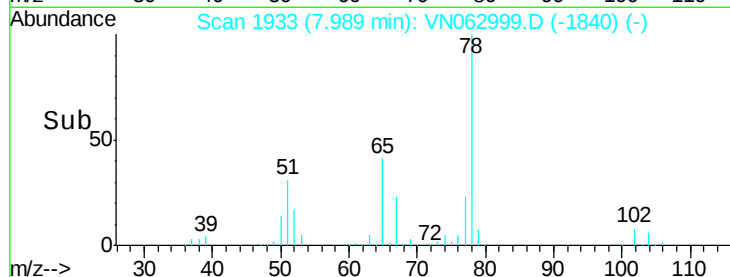
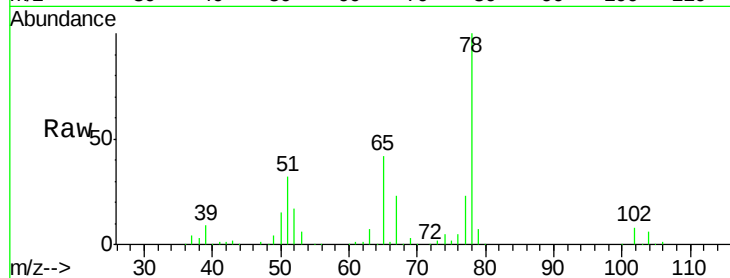
67 54.8 0.0 112.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

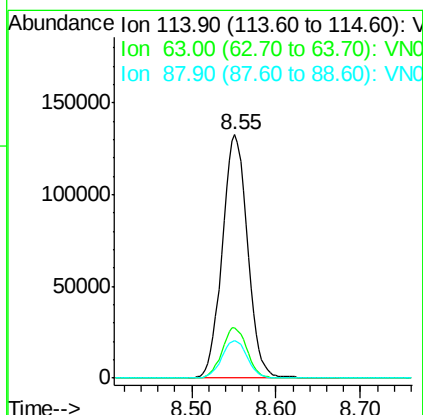
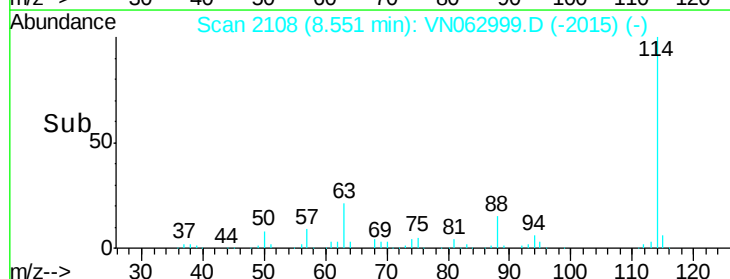
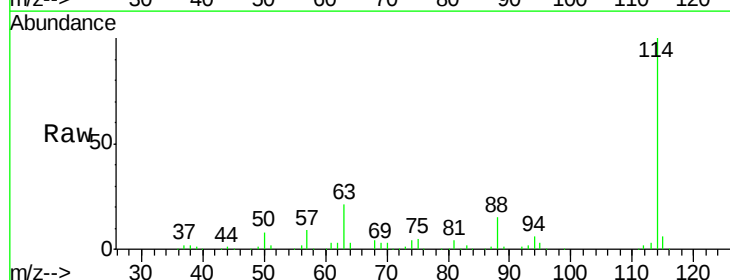
Tgt Ion: 114 Resp: 276690

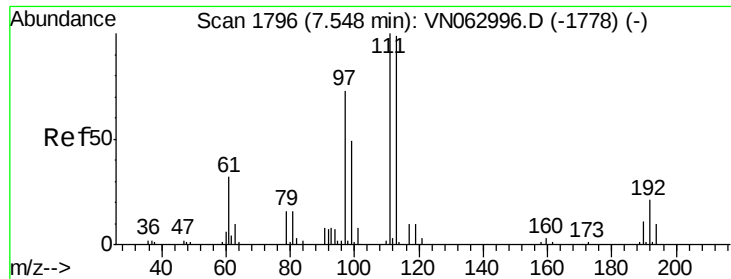
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.3 0.0 30.6





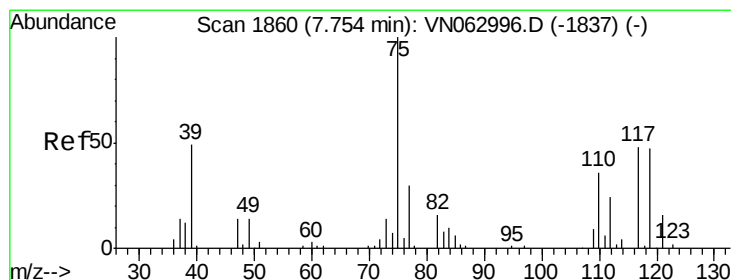
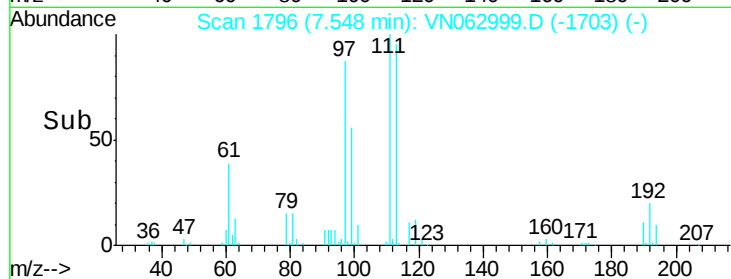
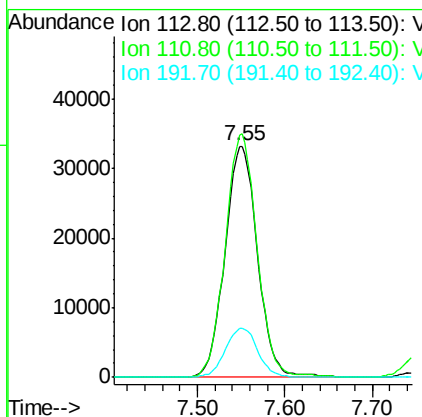
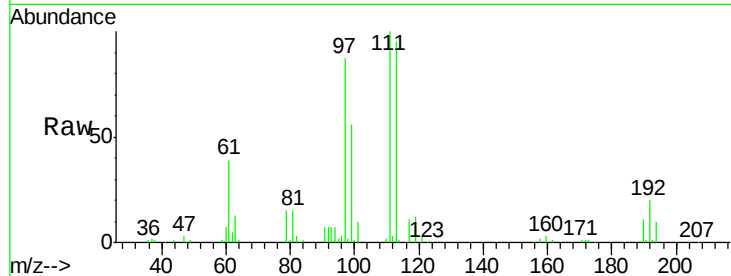
#35
 Dibromofluoromethane
 Concen: 47.478 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
113	100	85598		
111	103.4	81.7	122.5	
192	21.1	17.5	26.3	

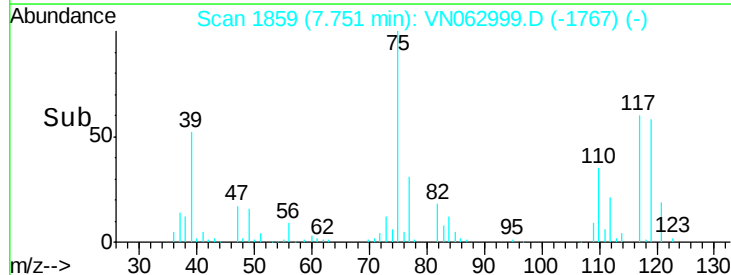
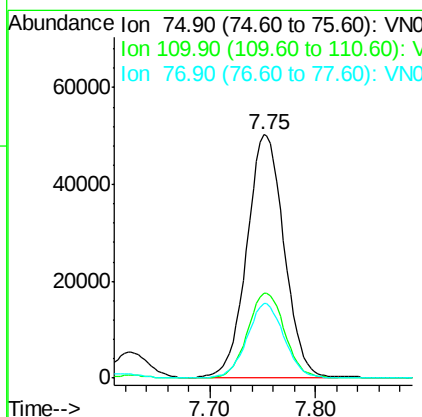
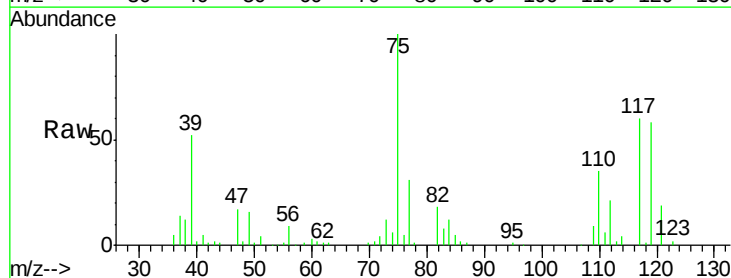
Manual Integrations
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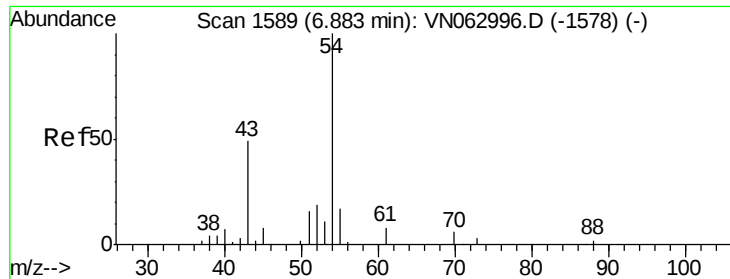
MMDadoda
 8/19/2020 5:46:22 PM



#36
 1,1-Dichloropropene
 Concen: 50.891 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	124089		
110	34.7	17.5	52.6	
77	30.5	24.2	36.4	





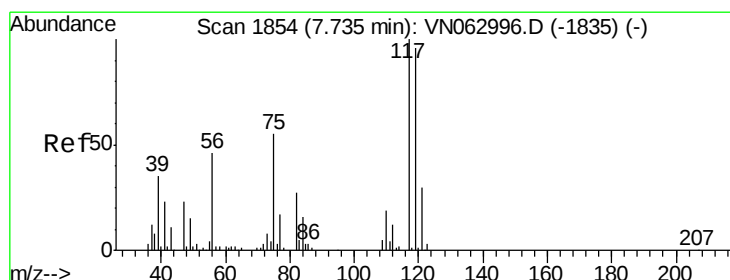
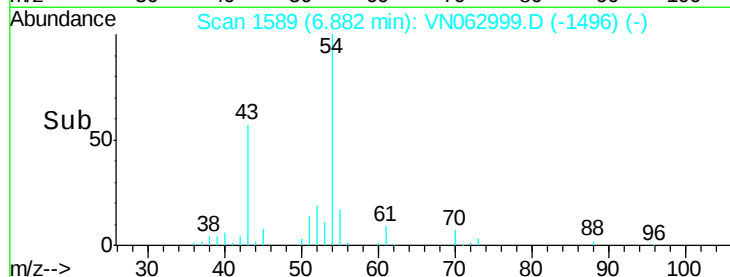
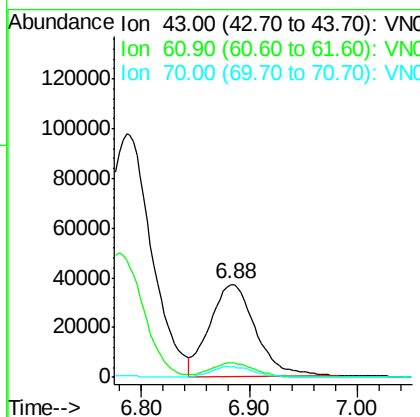
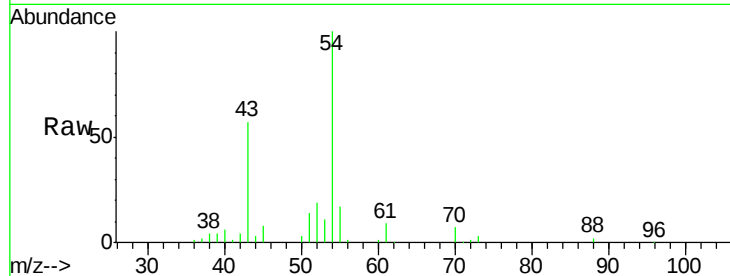
#37
Ethyl Acetate
Concen: 47.678 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampled :
ICVVN081820

Tot Ion	43	61	70
Ratio	100	15.5	11.2
Lower		11.8	8.2
Upper		17.8	12.2

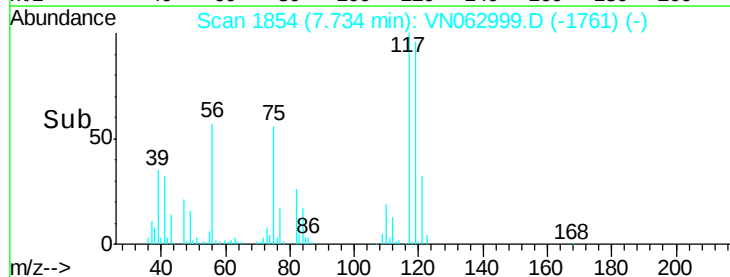
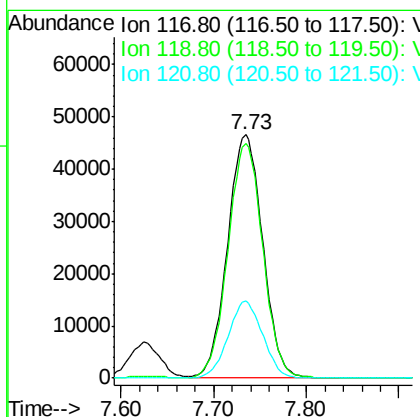
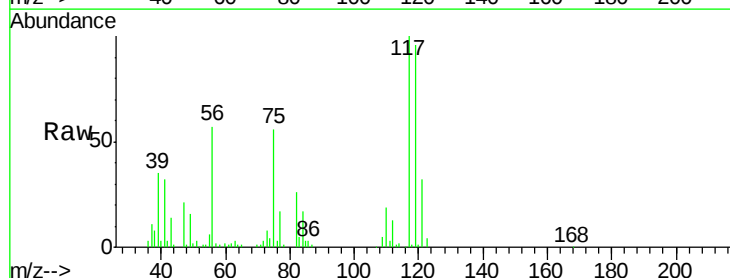
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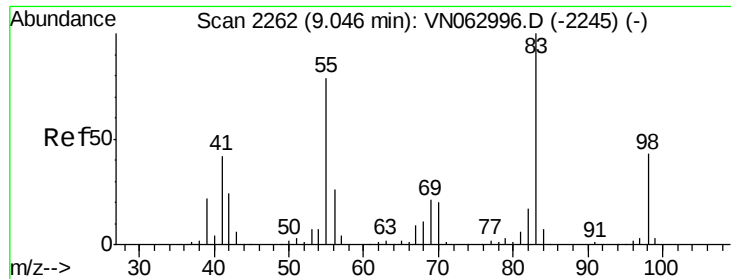
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.819 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	117	119	121
Ratio	100	96.4	31.6
Lower		76.2	24.2
Upper		114.4	36.2





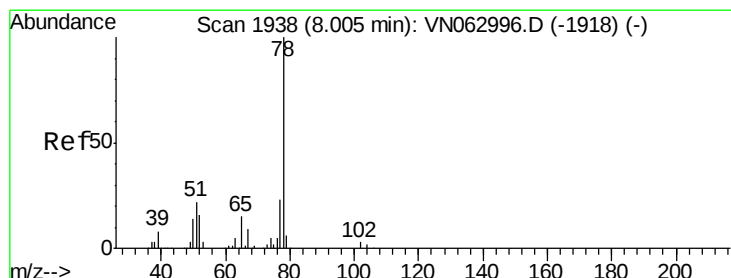
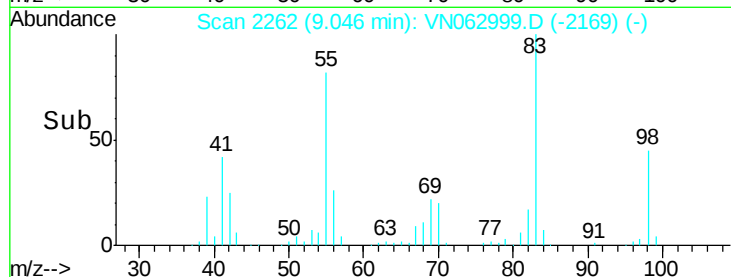
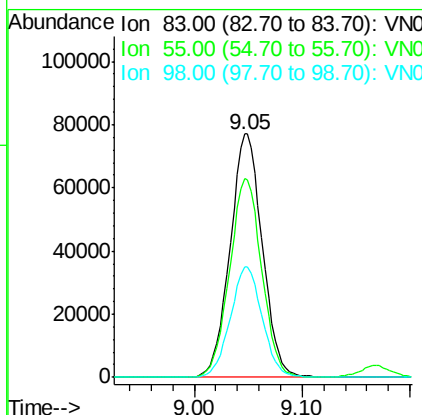
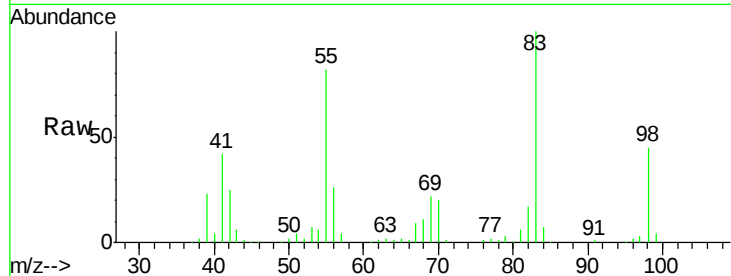
#39
Methvlcvclohexane
Concen: 48.763 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160395		
55	81.6	63.3	94.9	
98	45.1	34.2	51.4	

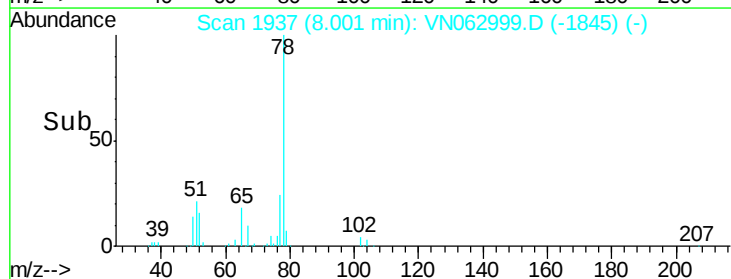
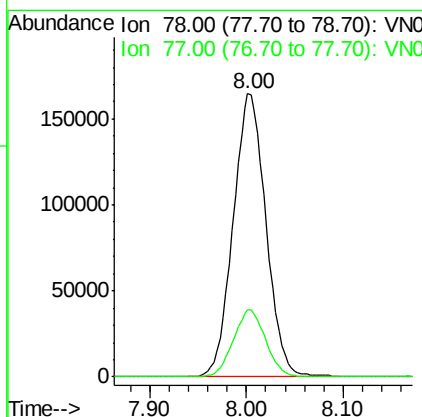
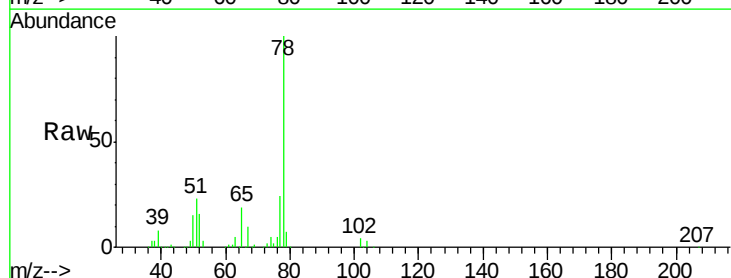
Manual Integrations
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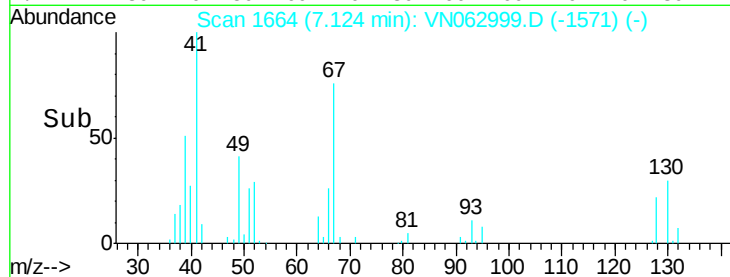
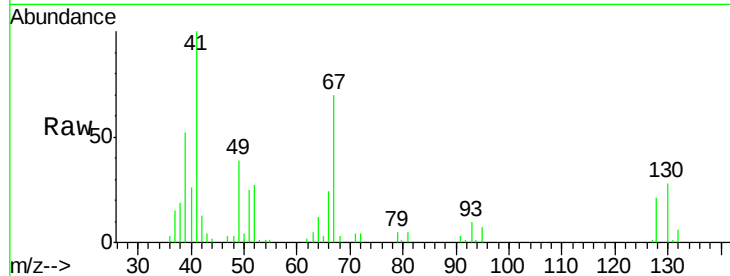
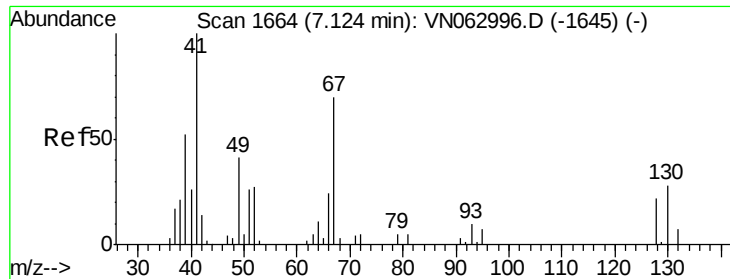
MMDadoda
8/19/2020 5:46:22 PM



#40
Benzene
Concen: 50.159 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	387906		
77	23.9	18.8	28.2	





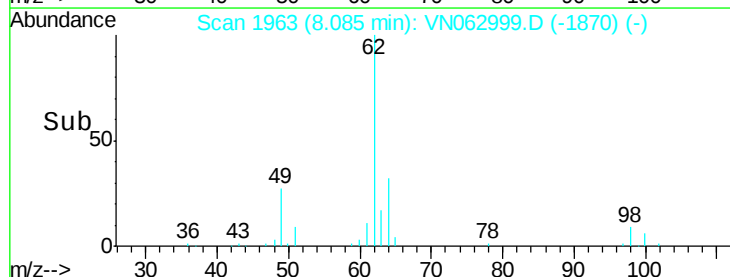
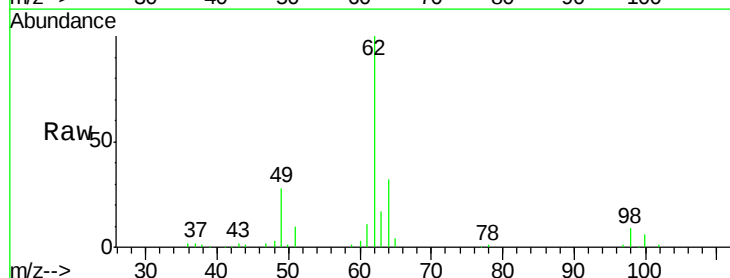
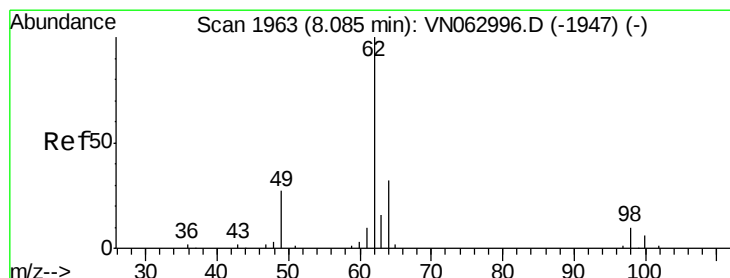
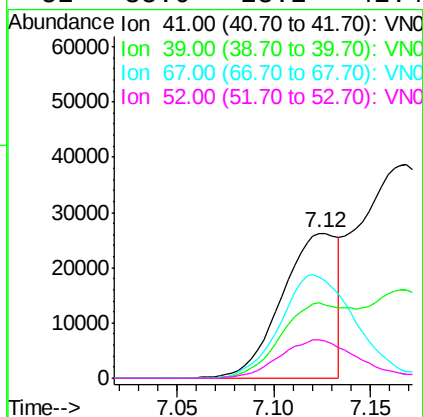
#41
Methacrylonitrile
Concen: 48.498 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.8	41.6	62.4#
67	97.2	71.8	107.8
52	38.0	28.2	42.4

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

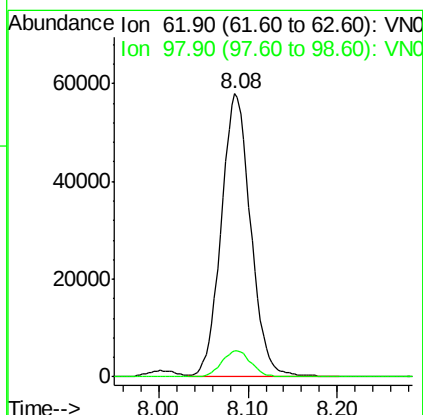
Manual Integrations
APPROVED

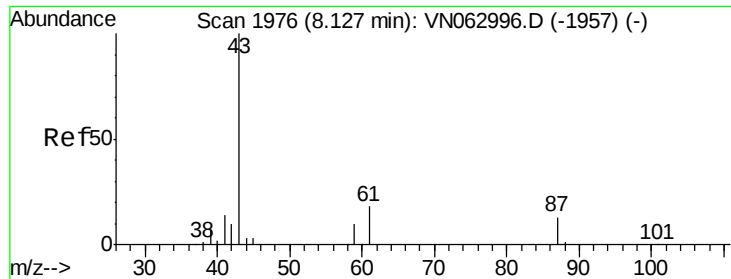
MMDadoda
8/19/2020 5:46:22 PM



#42
1,2-Dichloroethane
Concen: 51.124 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





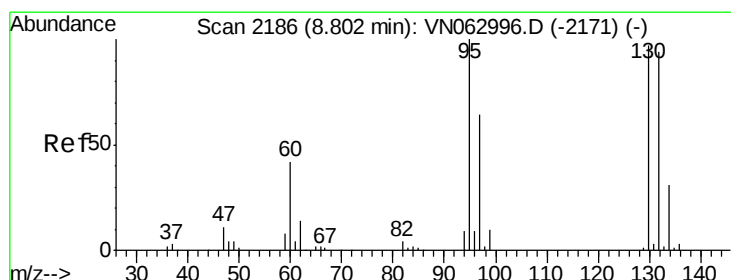
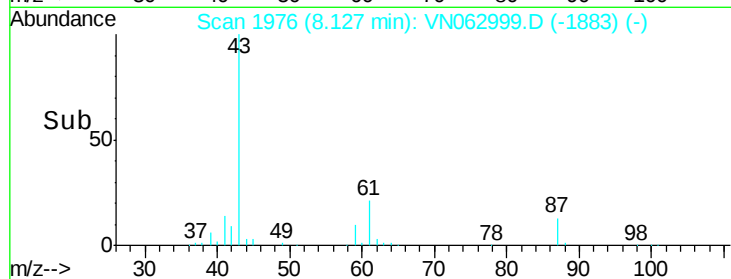
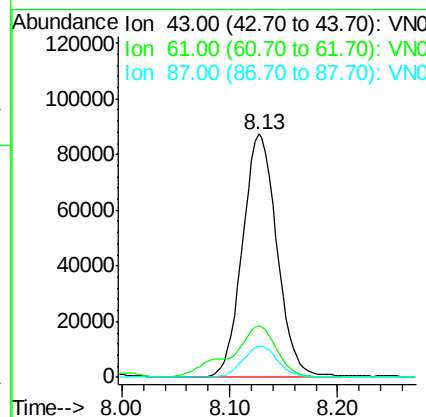
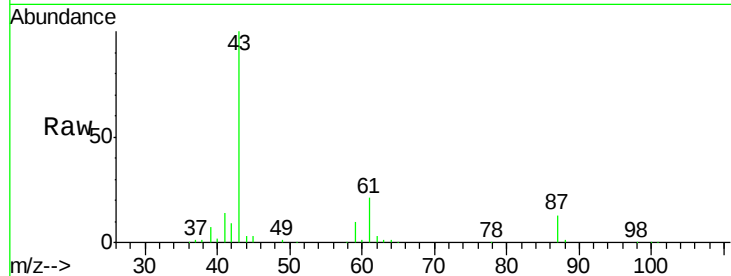
#43
Isopropyl Acetate
Concen: 50.776 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	22.6	33.8
87	13.1	10.5	15.7

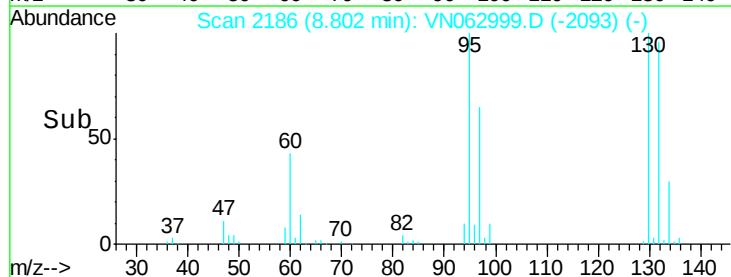
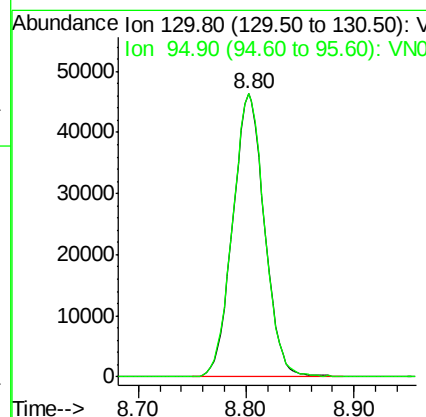
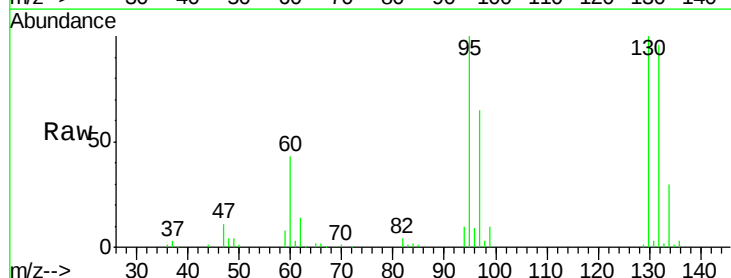
Manual Integrations
APPROVED

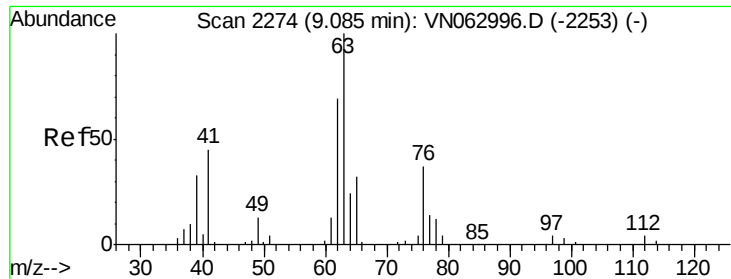
MMDadoda
8/19/2020 5:46:22 PM



#44
Trichloroethene
Concen: 49.325 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	205.6





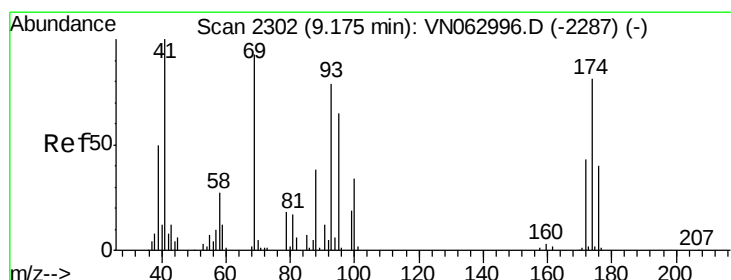
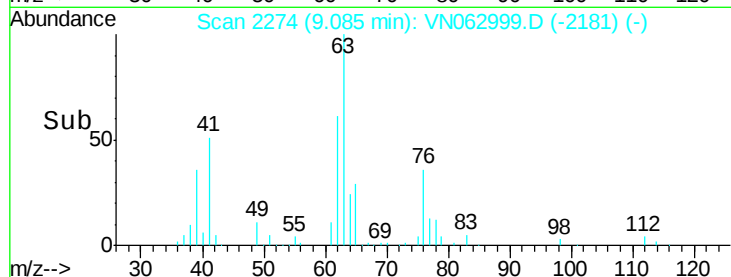
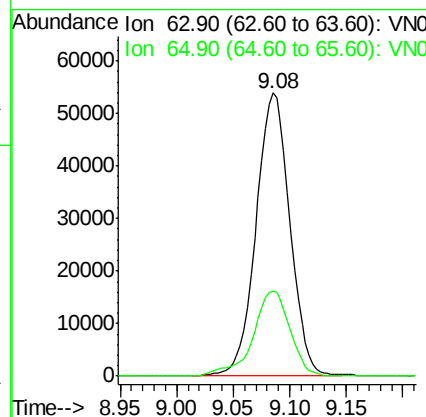
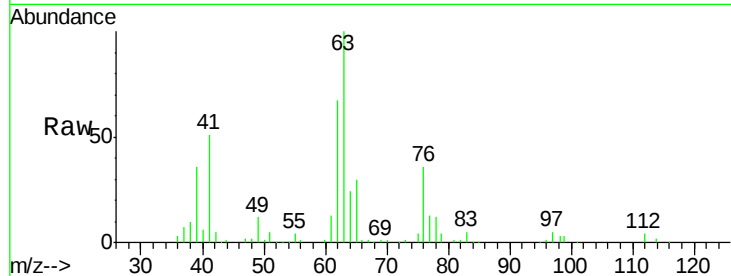
#45
 1,2-Dichloropropane
 Concen: 50.253 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.6	38.4

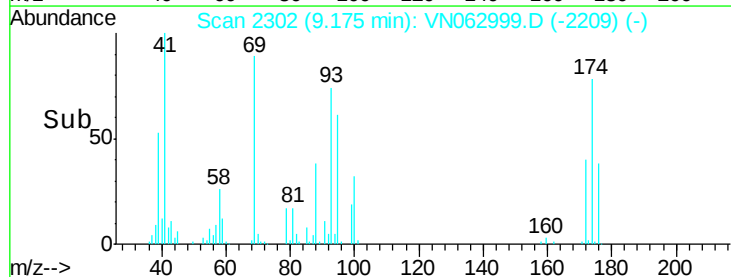
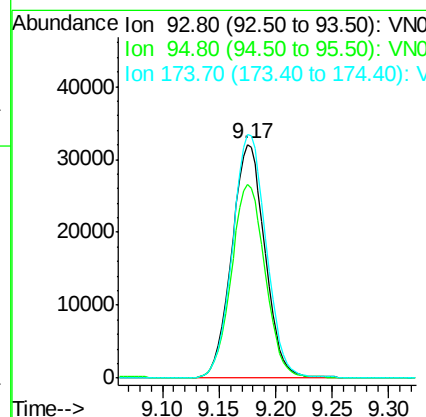
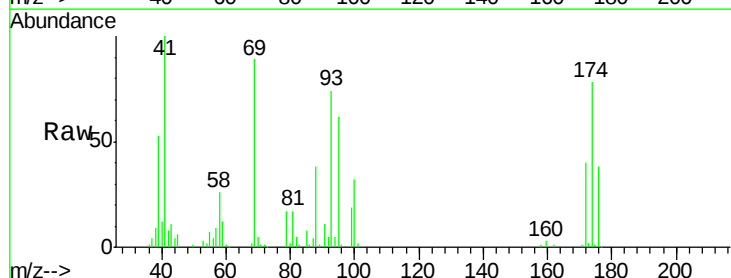
Manual Integrations
 APPROVED

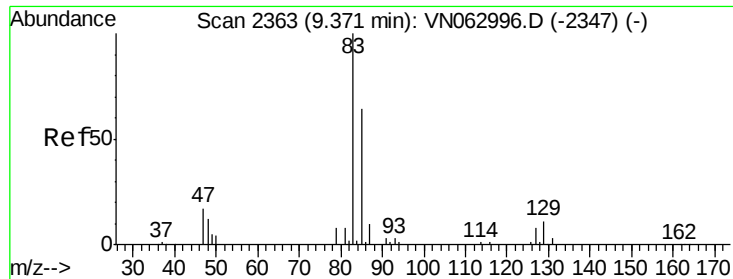
MMDadoda
 8/19/2020 5:46:22 PM



#46
 Dibromomethane
 Concen: 50.847 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.2	99.4
174	105.7	84.6	127.0





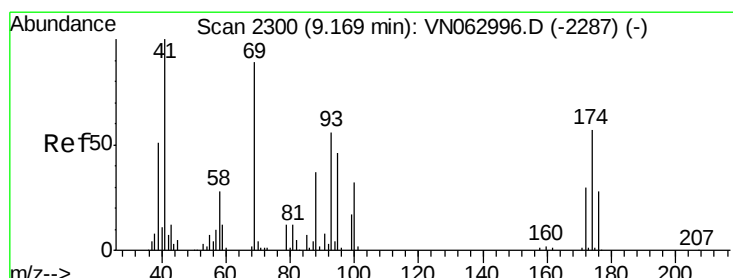
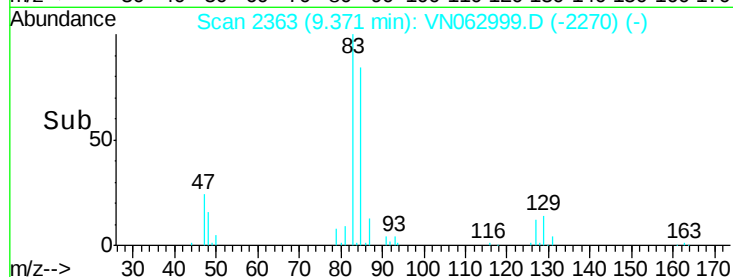
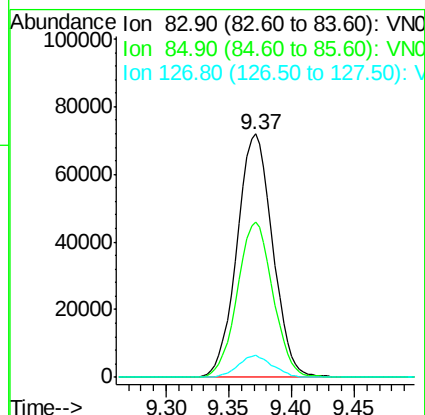
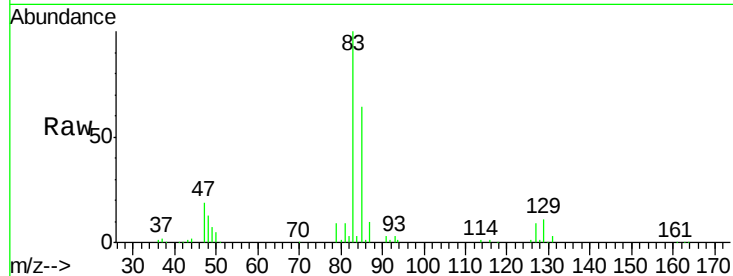
#47
Bromodichloromethane
Concen: 50.370 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	83	Resp	142472
Ion Ratio	100		
85	63.9	51.1	76.7
127	8.9	6.6	9.8

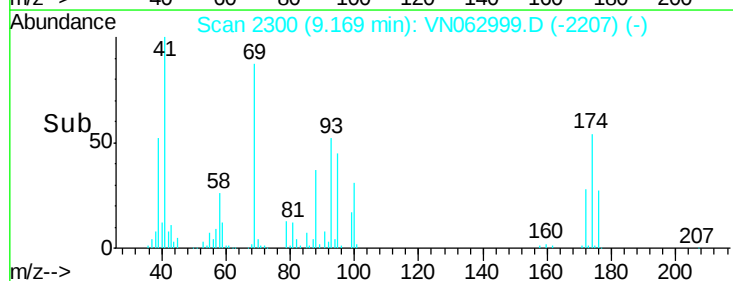
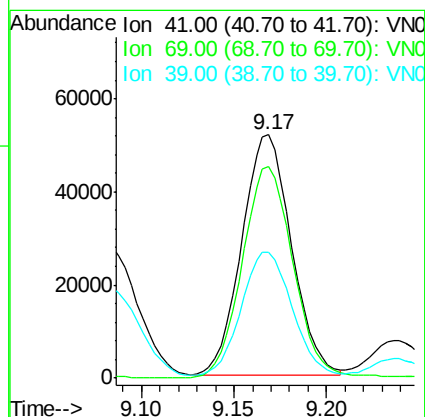
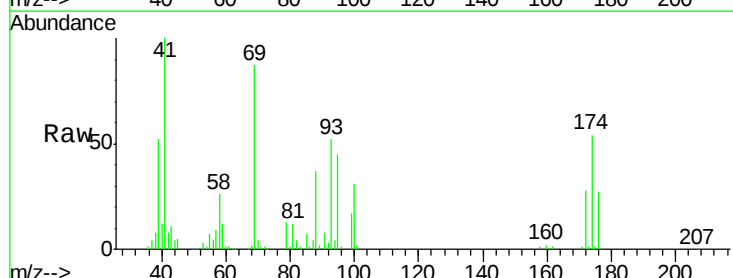
Manual Integrations
APPROVED

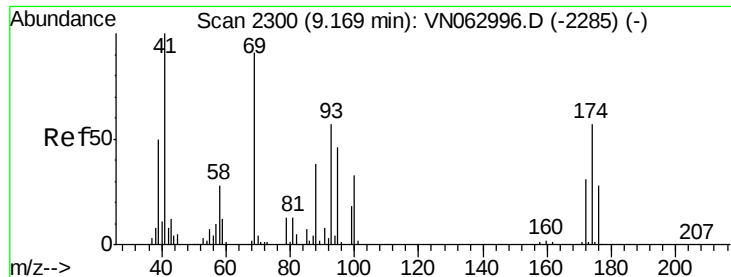
MMDadoda
8/19/2020 5:46:22 PM



#48
Methyl methacrylate
Concen: 53.751 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	41	Resp	96265
Ion Ratio	100		
69	91.0	74.2	111.4
39	52.6	42.5	63.7





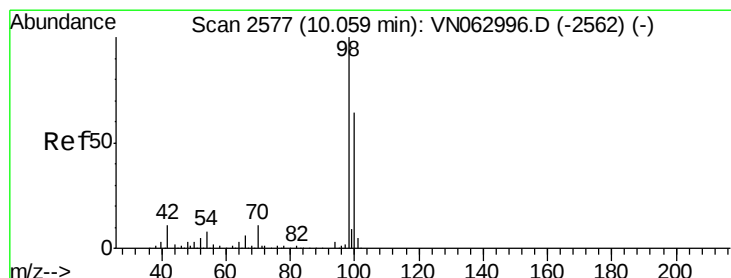
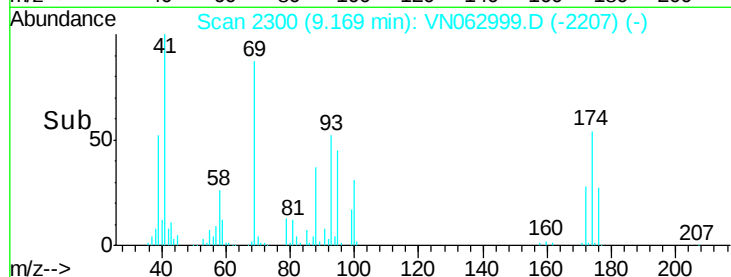
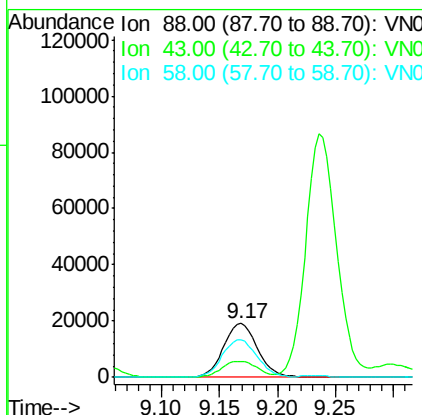
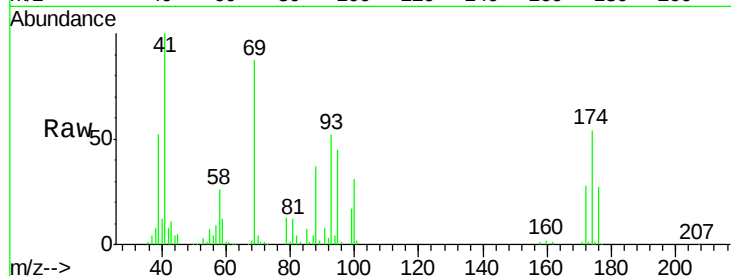
#49
1,4-Dioxane
Concen: 989.574 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.2	37.8
58	71.4	56.7	85.1

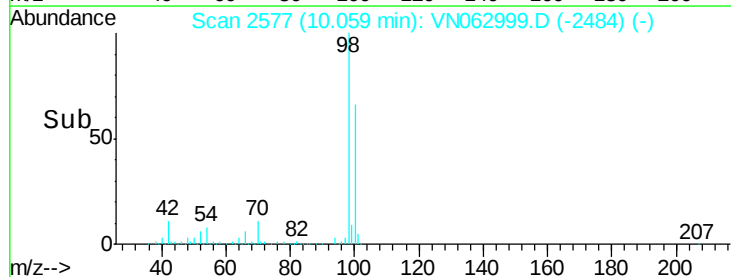
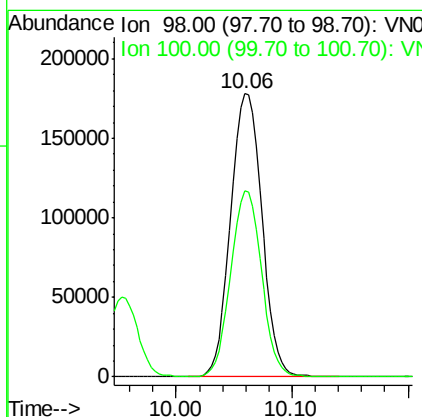
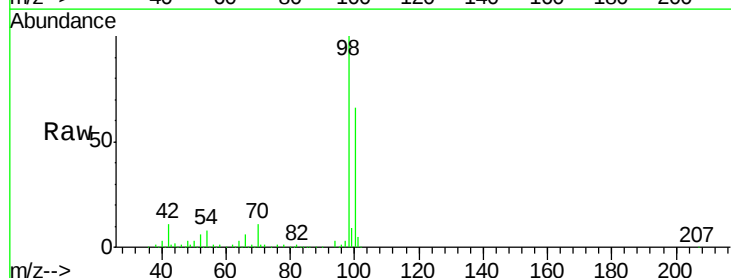
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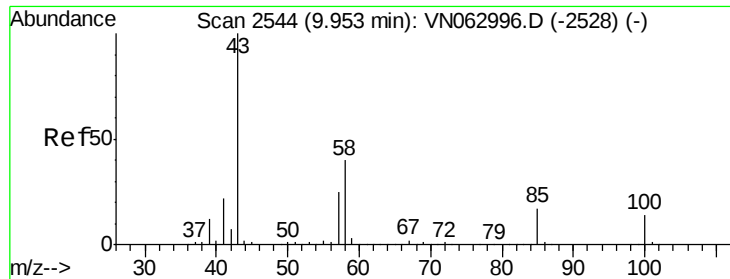
MMDadoda
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#50
Toluene-d8
Concen: 48.202 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 264.861 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

Tot Ion: 43 Resp: 633689

Ion Ratio Lower Upper

43 100

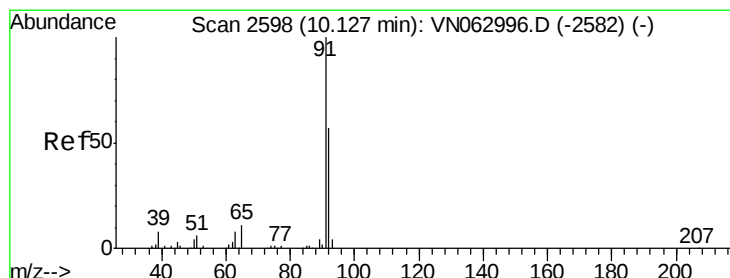
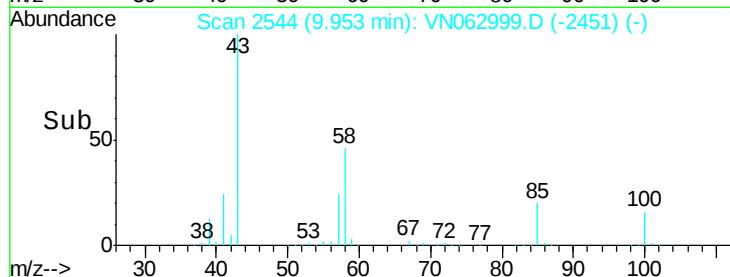
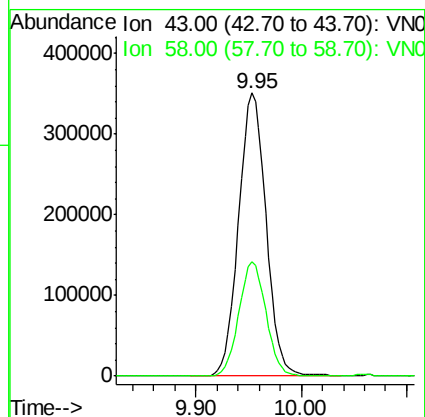
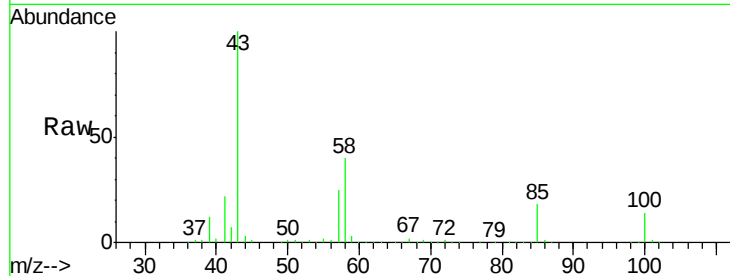
58 40.0 32.2 48.2

Manual Integrations

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#52

Toluene

Concen: 52.304 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062999.D

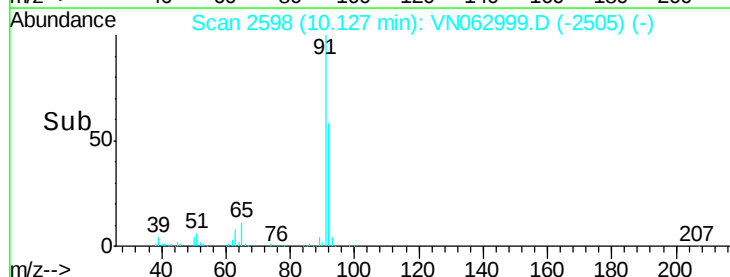
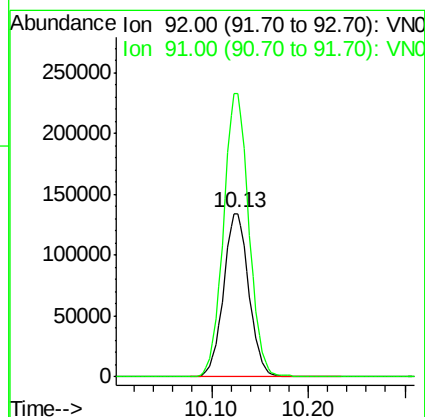
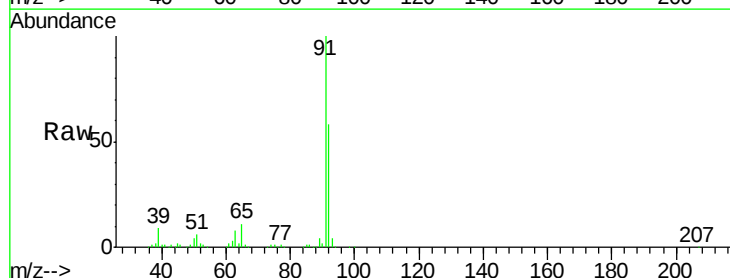
Acq: 18 Aug 2020 21:30

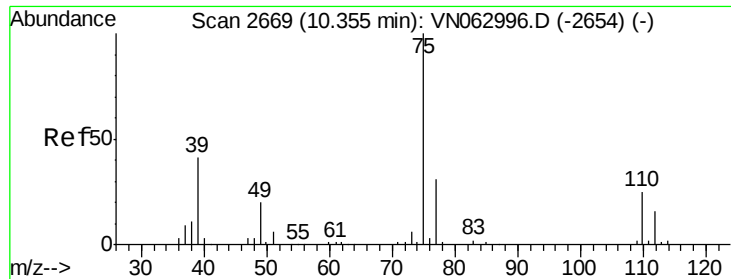
Tgt Ion: 92 Resp: 244009

Ion Ratio Lower Upper

92 100

91 174.2 139.2 208.8





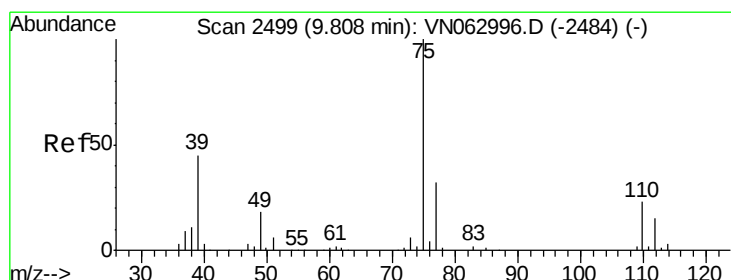
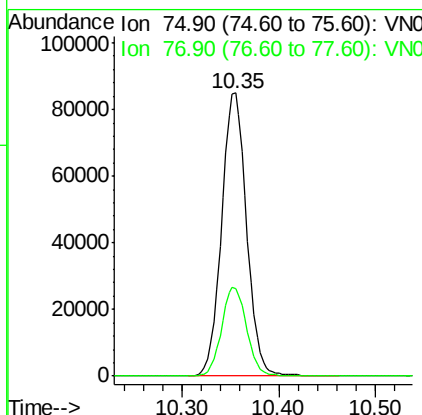
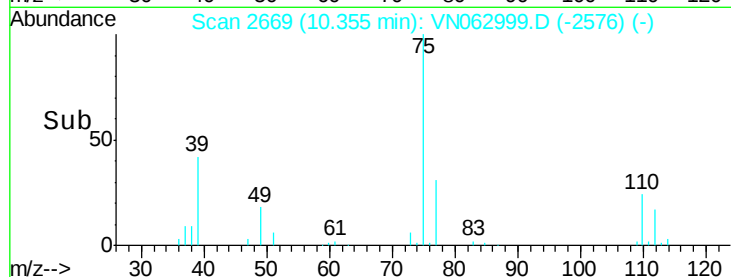
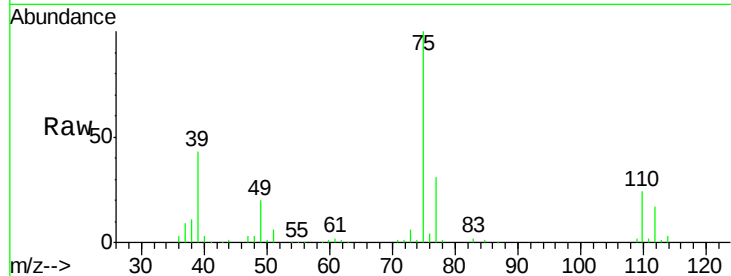
#53
 t-1,3-Dichloropropene
 Concen: 52.279 ug/l
 RT: 10.35 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	37.0

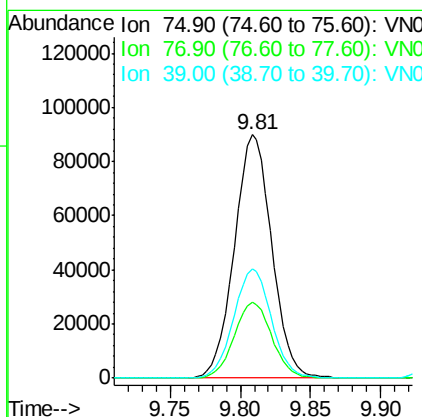
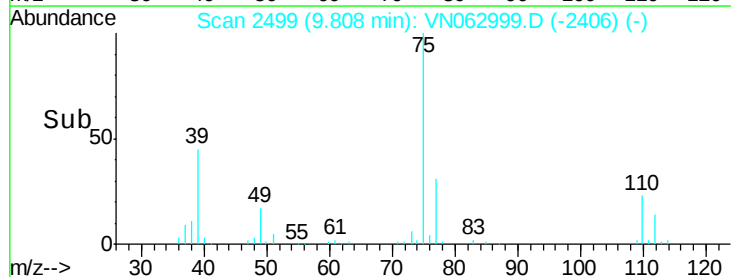
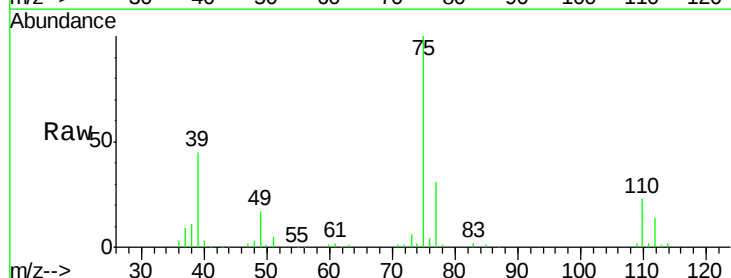
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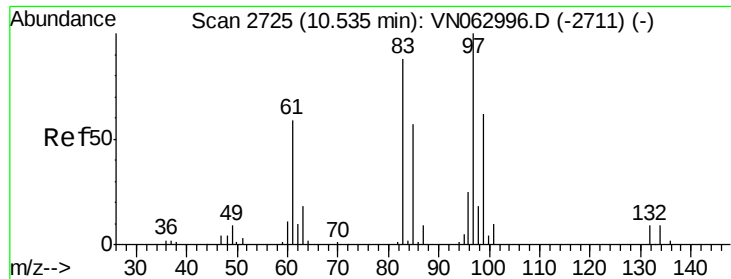
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#54
 cis-1,3-Dichloropropene
 Concen: 52.051 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2
39	44.8	35.7	53.5





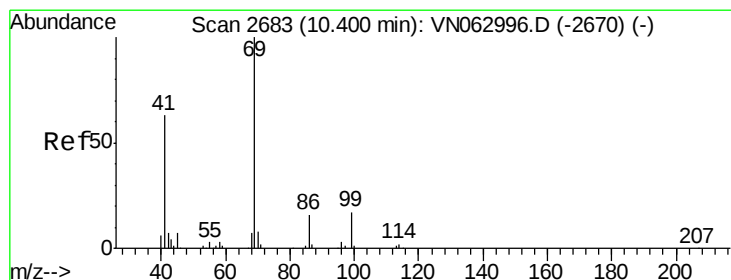
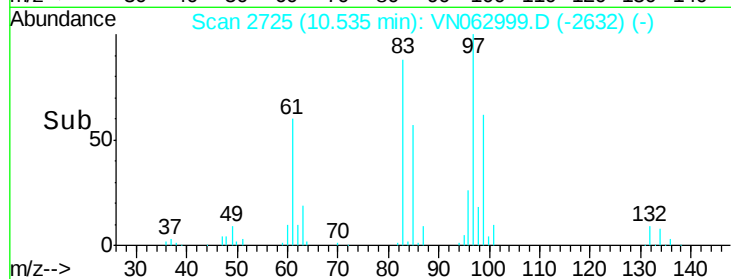
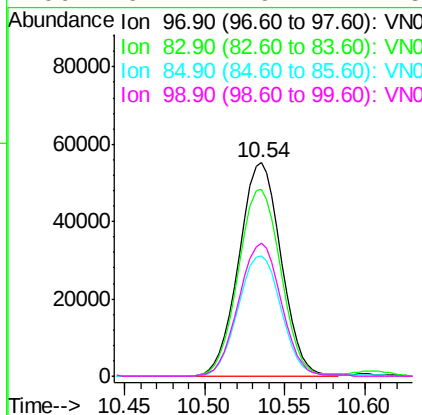
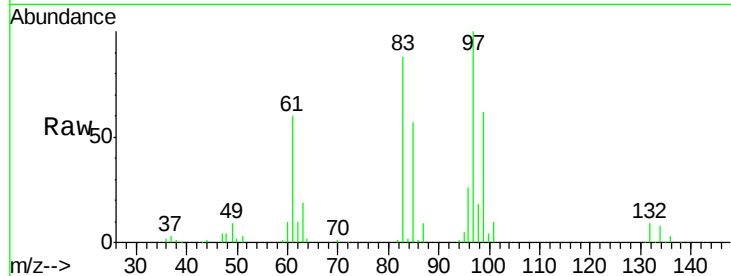
#55
 1,1,2-Trichloroethane
 Concen: 49.863 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	87.7	70.5	105.7		
85	56.5	45.8	68.6		
99	62.4	49.7	74.5		

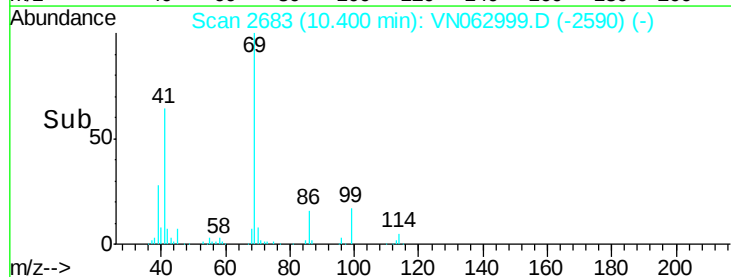
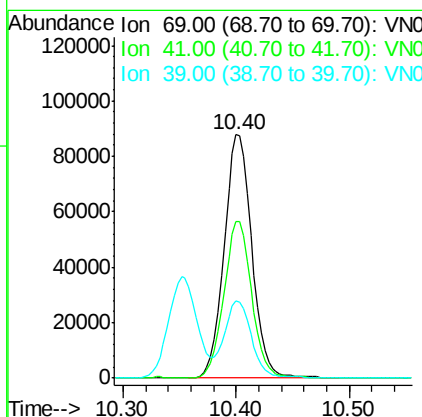
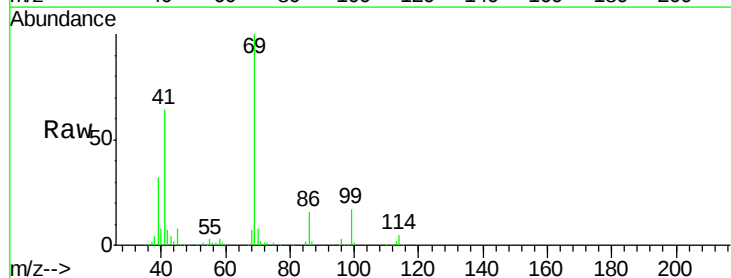
Manual Integrations
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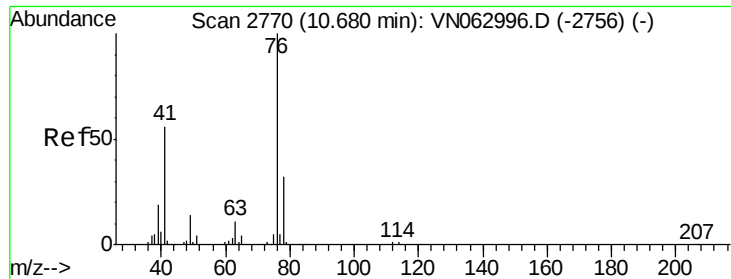
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 48.606 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	63.9	50.2	75.2		
39	31.3	24.2	36.4		





#57

1,3-Dichloropropane

Concen: 50.367 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

Tot Ion: 76 Resp: 166837

Ion Ratio Lower Upper

76 100

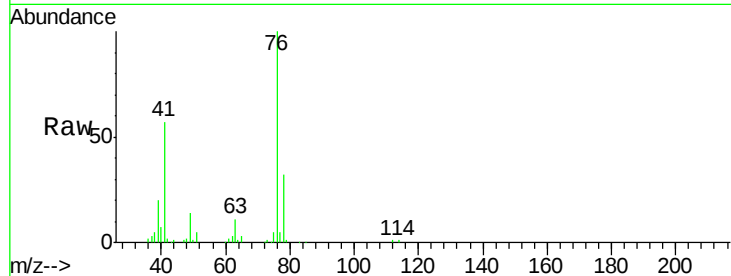
78 32.0 26.1 39.1

Manual Integrations

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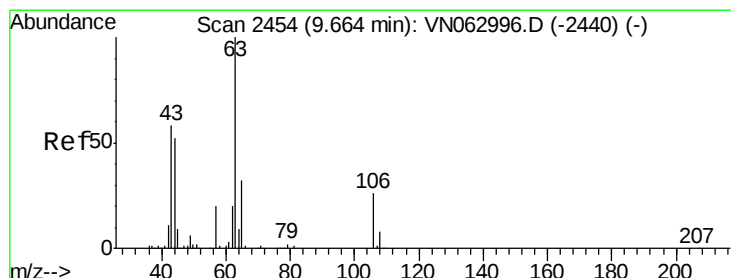
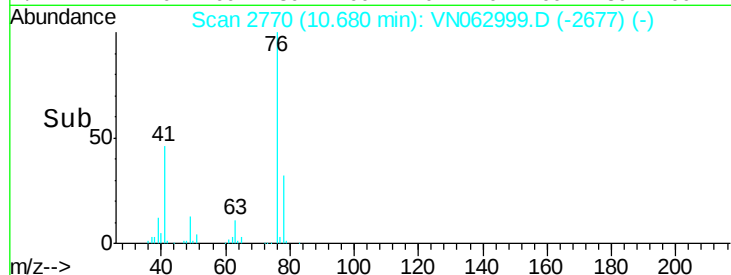
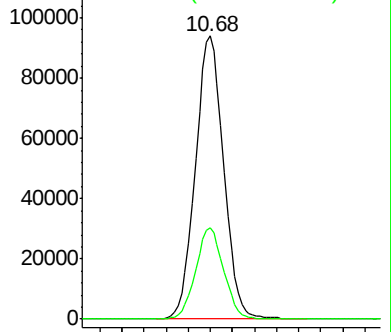
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 232.094 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062999.D

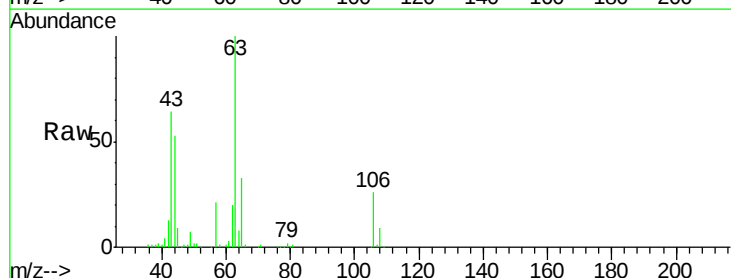
Acq: 18 Aug 2020 21:30

Tgt Ion: 63 Resp: 173153

Ion Ratio Lower Upper

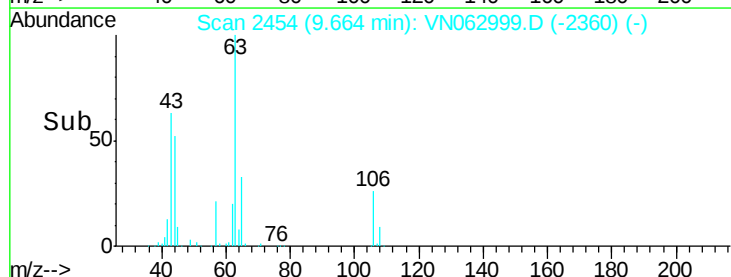
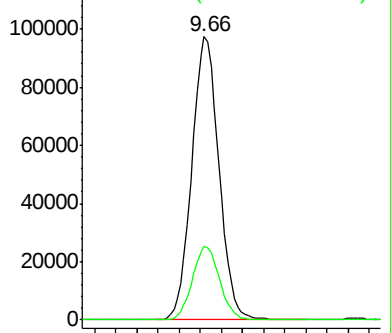
63 100

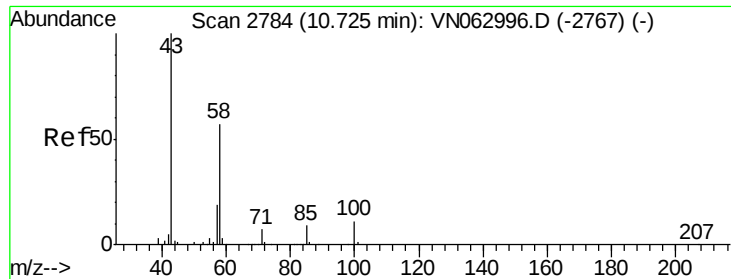
106 25.9 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





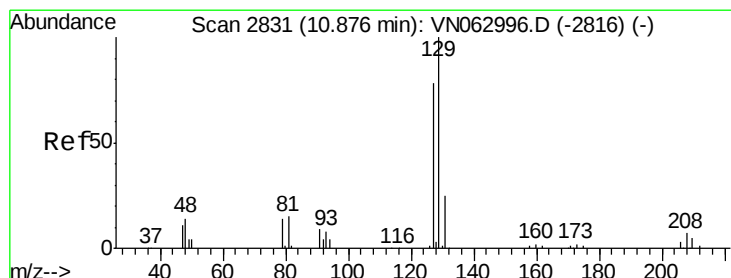
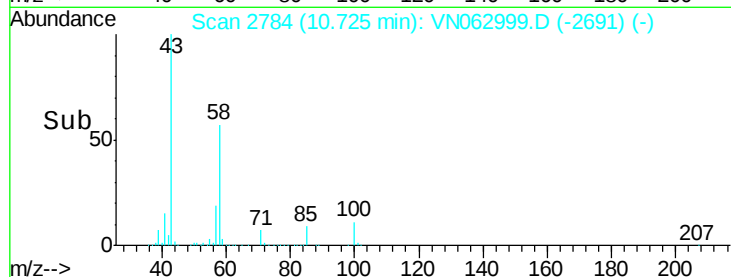
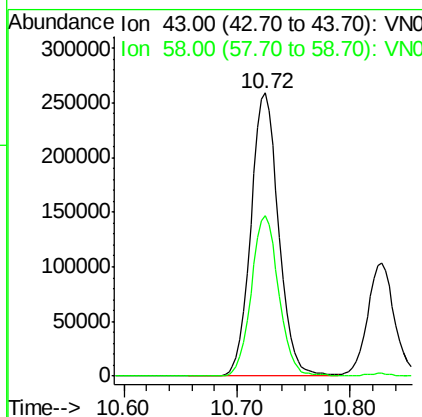
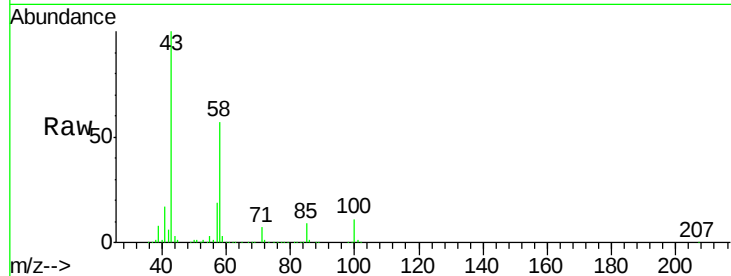
#59
2-Hexanone
Concen: 264.401 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.1	84.3

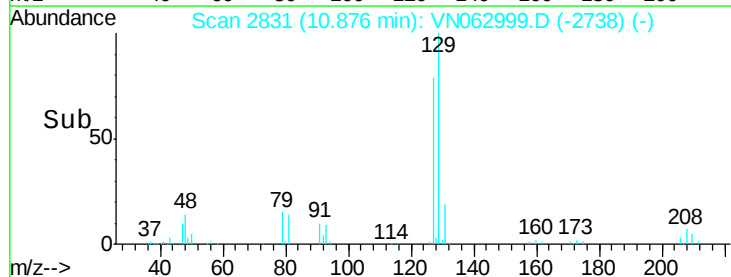
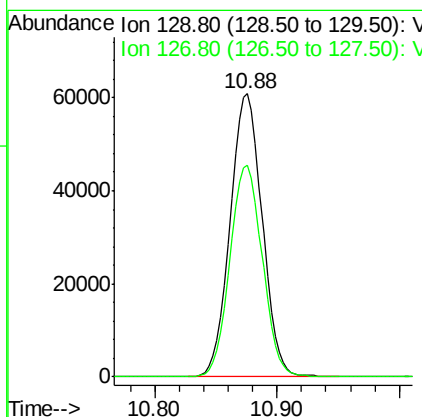
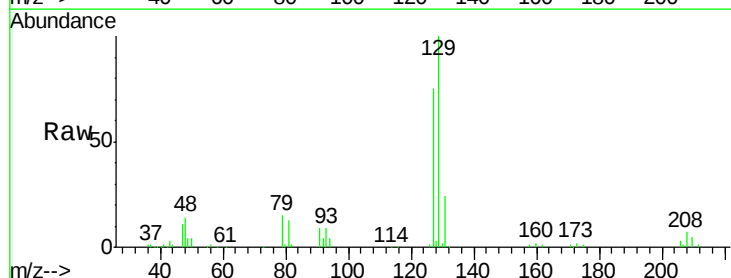
Manual Integrations
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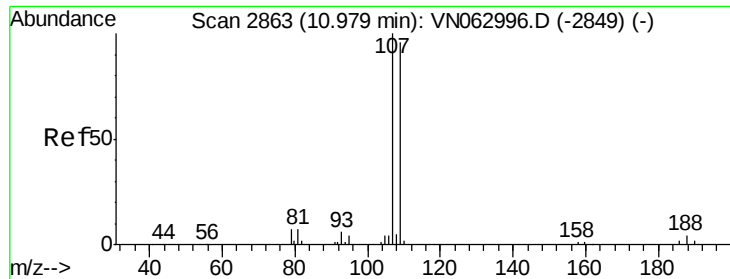
MMDadoda
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#60
Dibromochloromethane
Concen: 50.444 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.7	38.4	115.2





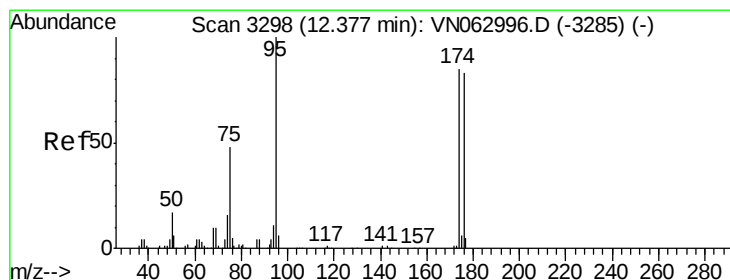
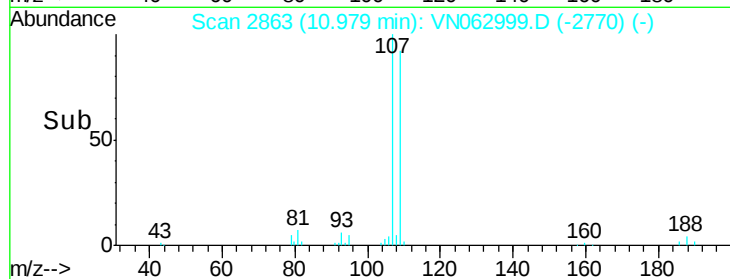
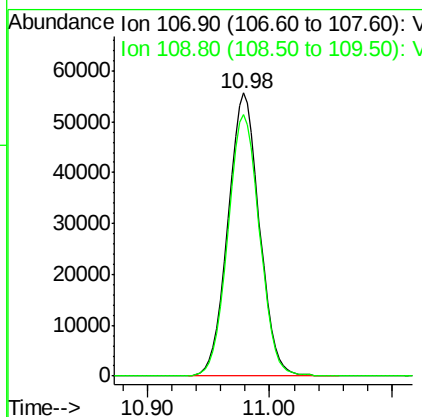
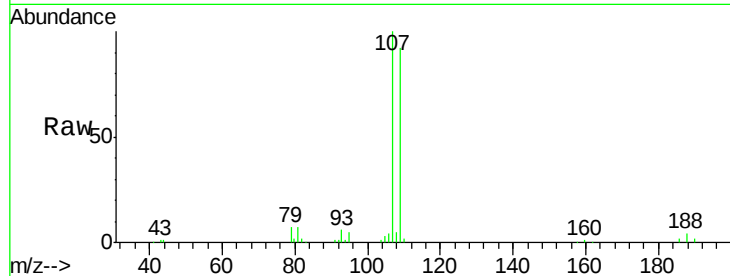
#61
 1,2-Dibromoethane
 Concen: 52.062 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.7	113.5

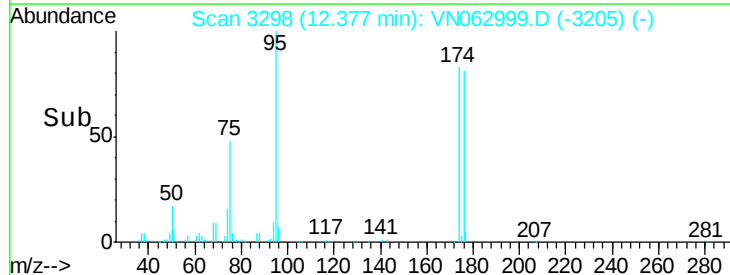
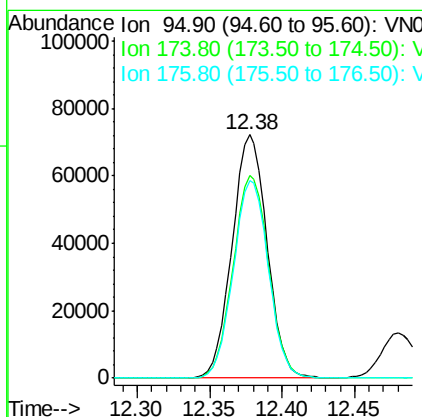
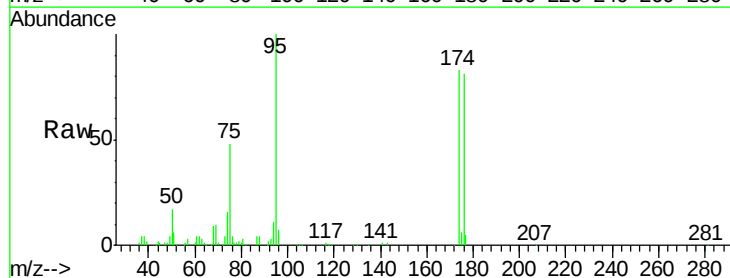
Manual Integrations
 APPROVED

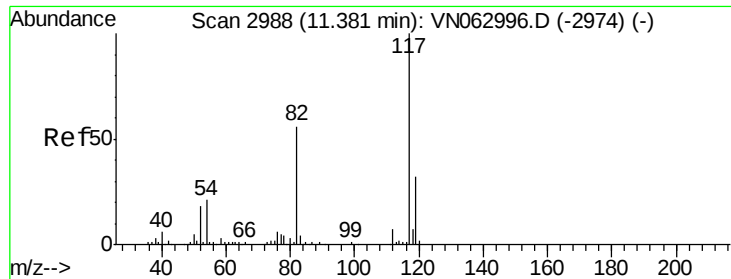
MMDadoda
 8/19/2020 5:46:22 PM



#62
 4-Bromofluorobenzene
 Concen: 49.624 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	170.8
176	81.3	0.0	164.8





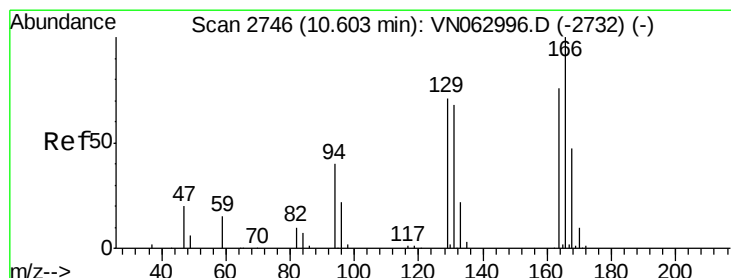
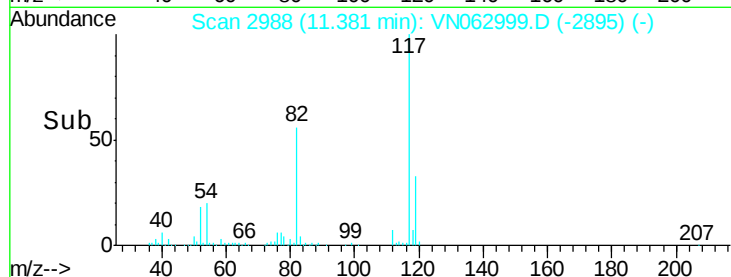
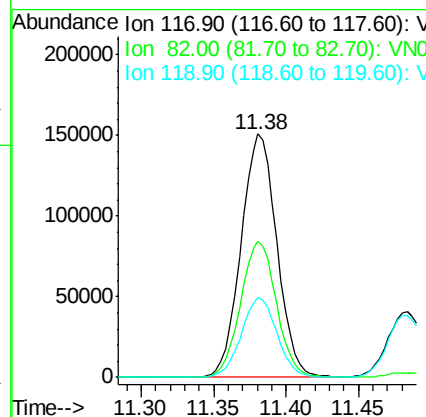
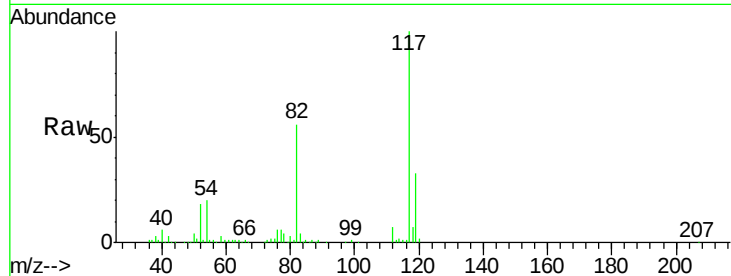
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
117	100	258968		
82	55.8	44.5	66.7	
119	32.5	25.5	38.3	

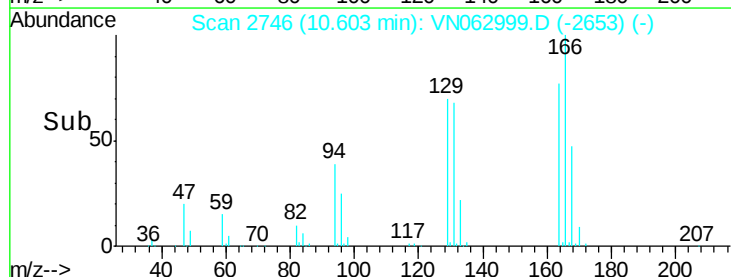
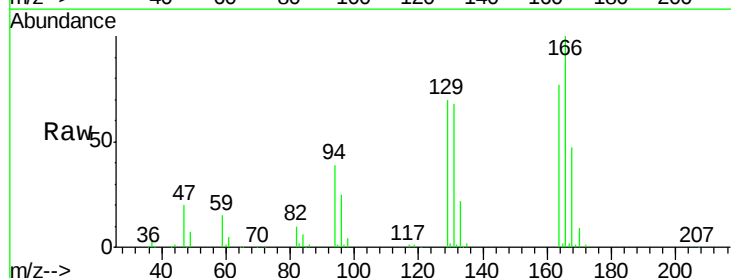
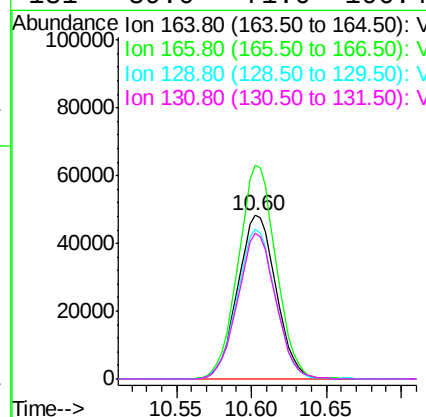
Manual Integrations
APPROVED

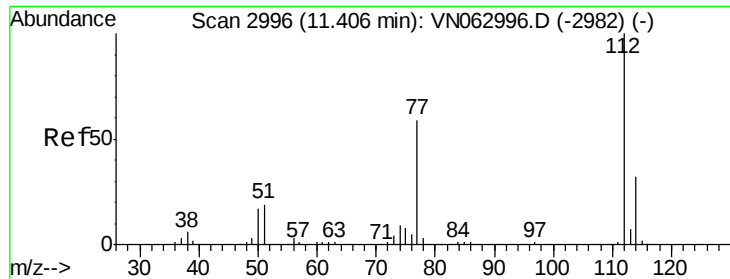
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#64
Tetrachloroethene
Concen: 50.726 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86352		
166	130.5	105.0	157.6	
129	91.2	74.7	112.1	
131	89.0	71.0	106.4	





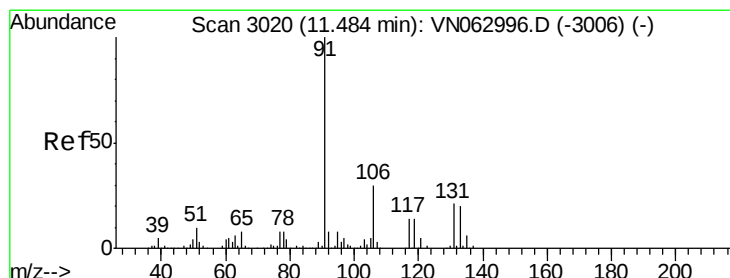
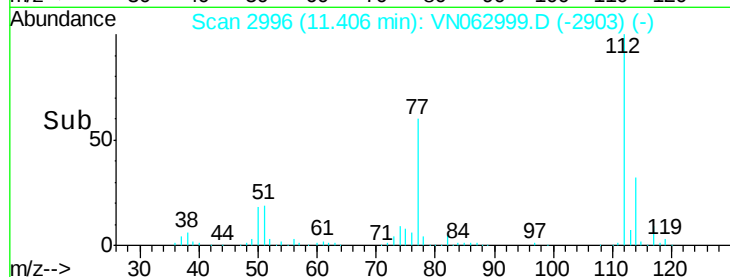
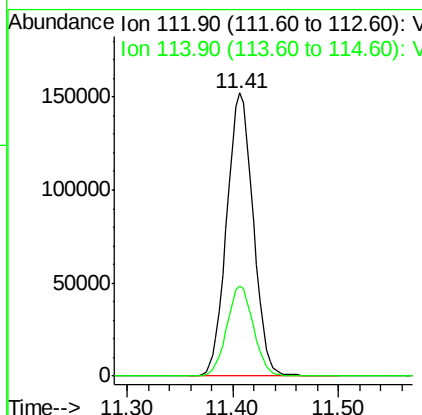
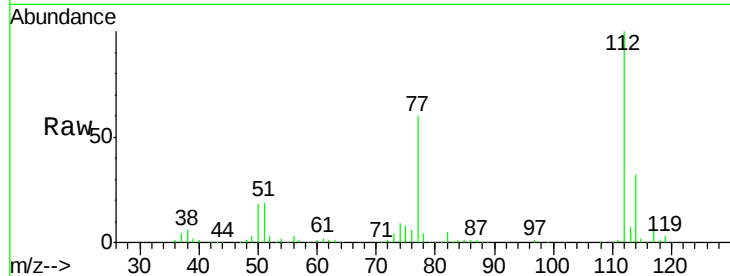
#65
Chlorobenzene
Concen: 50.744 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.3	37.9

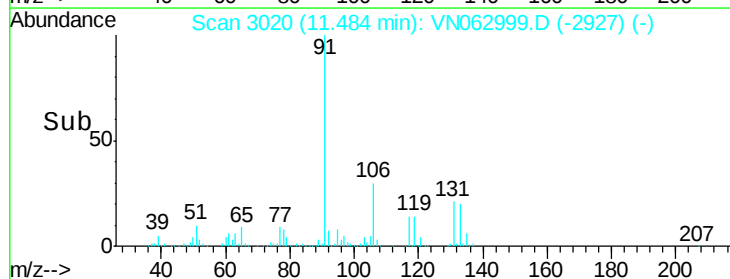
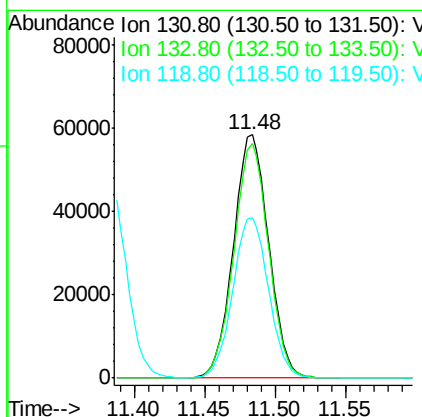
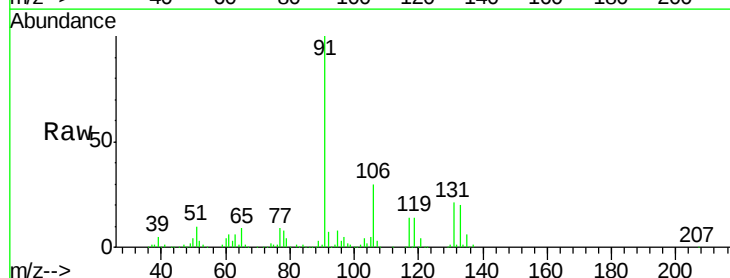
Manual Integrations
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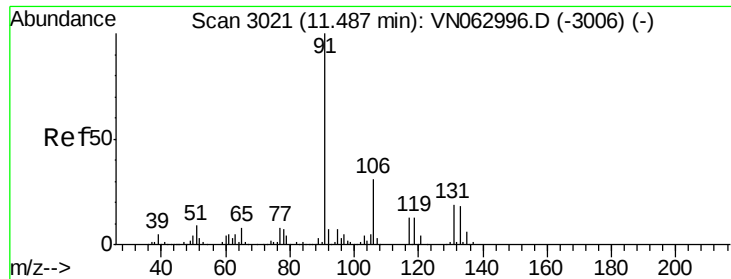
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.742 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.5	142.6
119	66.6	33.1	99.3





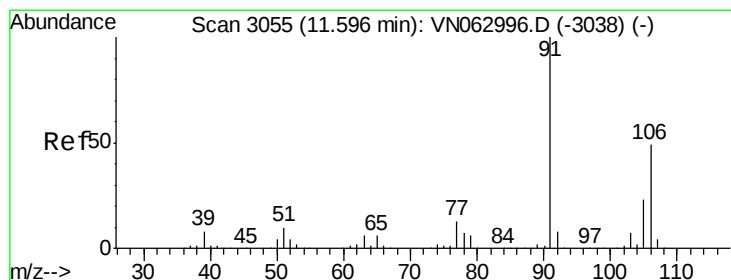
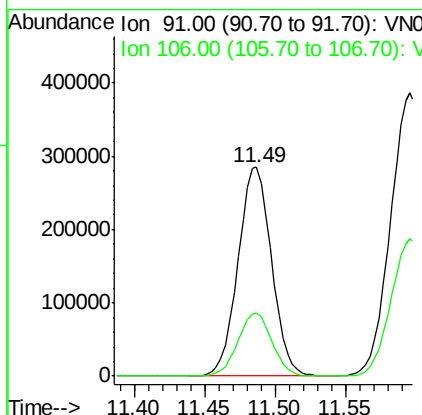
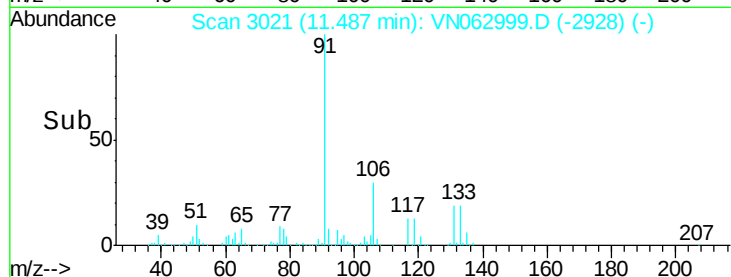
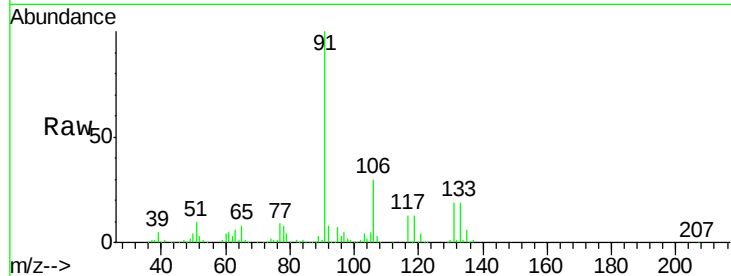
#67
Ethyl Benzene
Concen: 54.160 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion: 91 Resp: 475973
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

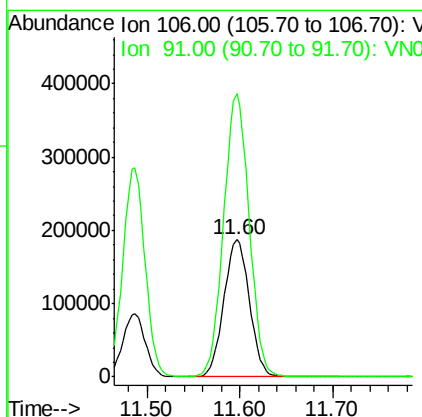
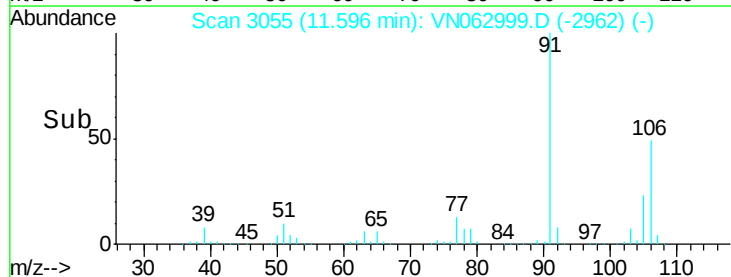
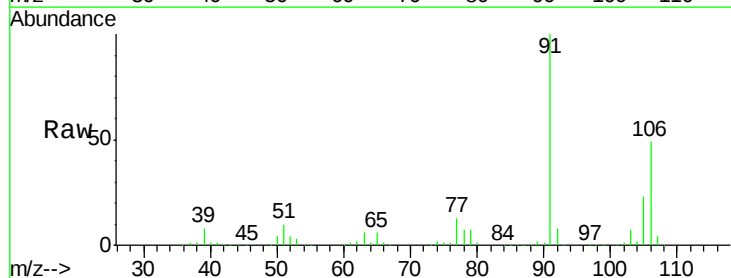
Manual Integrations
APPROVED

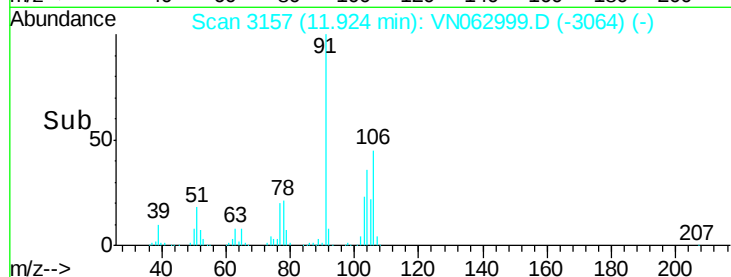
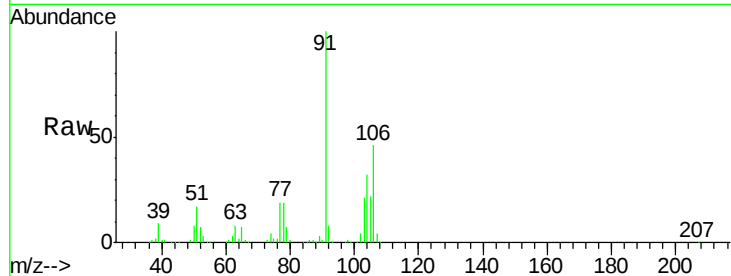
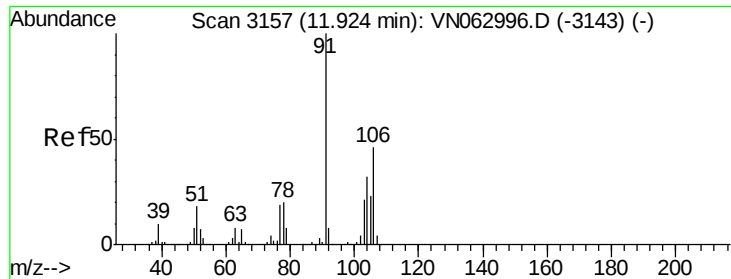
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#68
m/p-Xylenes
Concen: 109.901 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 106 Resp: 358970
Ion Ratio Lower Upper
106 100
91 205.6 163.0 244.4





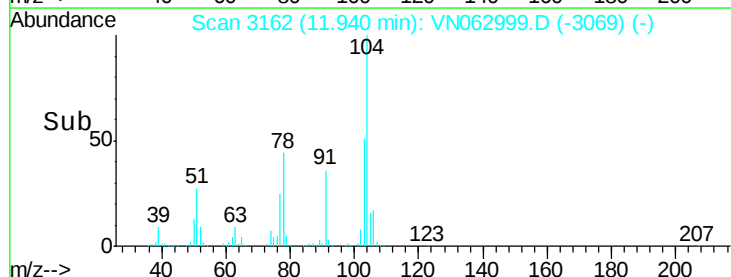
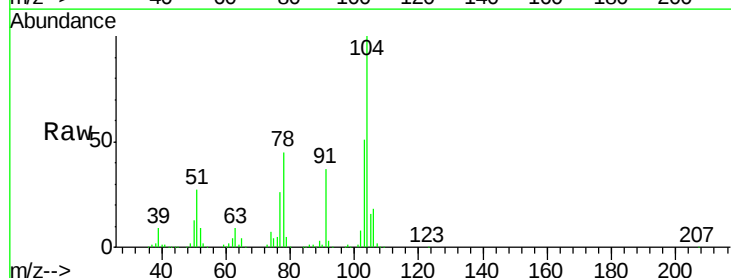
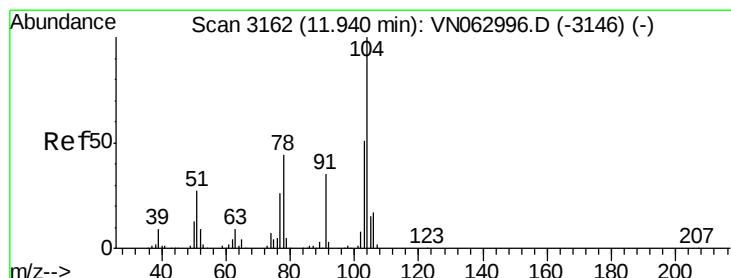
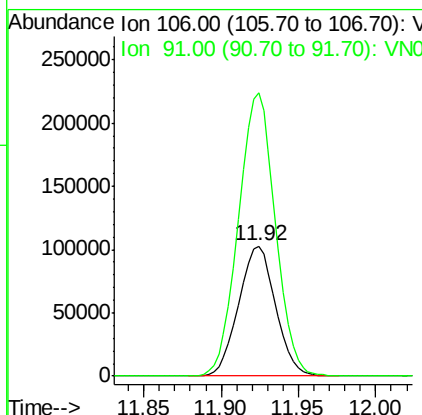
#69
o-Xylene
Concen: 54.529 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		171032		
91	217.2	107.3	321.9		

Instrument :
MSVOA_N
ClientSampleId :
ICVFN081820

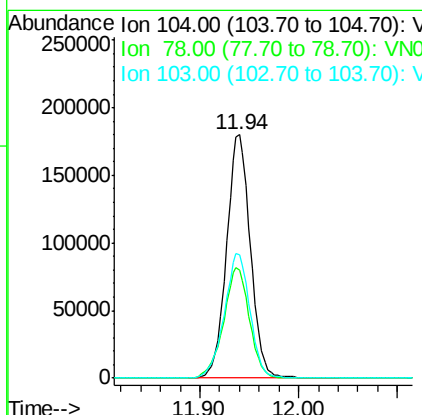
Manual Integrations
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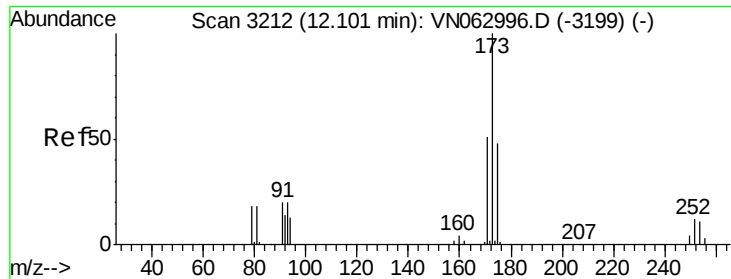
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#70
Styrene
Concen: 49.029 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		304934		
78	49.2	39.0	58.6		
103	55.0	44.3	66.5		





#71

Bromoform

Concen: 51.481 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampled :

ICVVN081820

Tot Ion:173 Resp: 82896

Ion Ratio Lower Upper

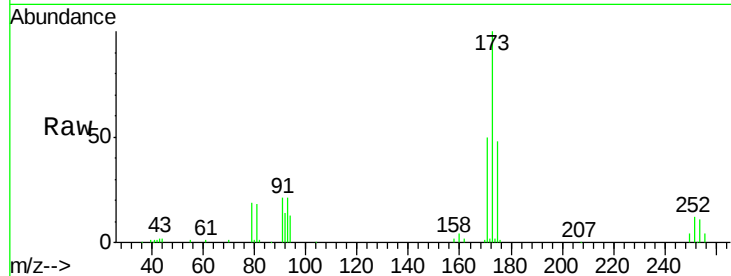
173 100

175 48.8 24.3 72.8

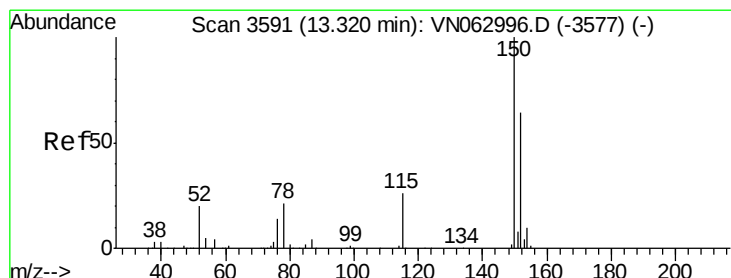
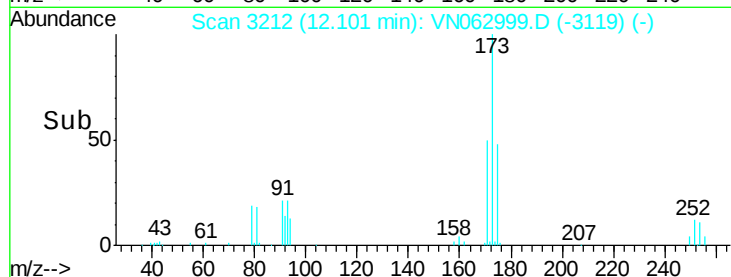
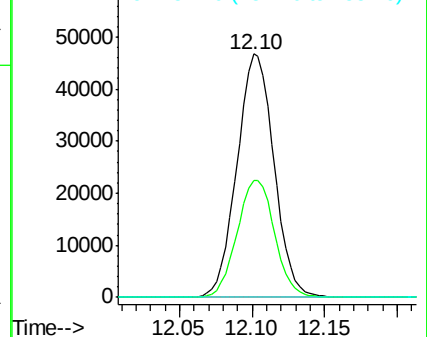
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

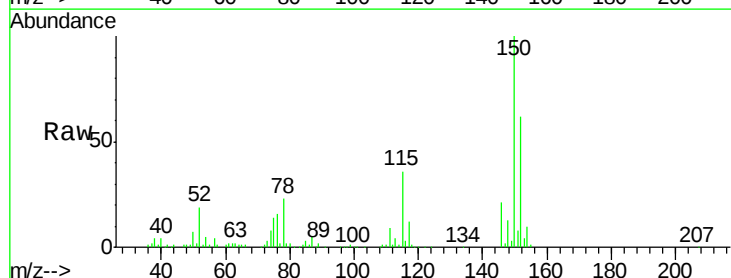
Tgt Ion:152 Resp: 127226

Ion Ratio Lower Upper

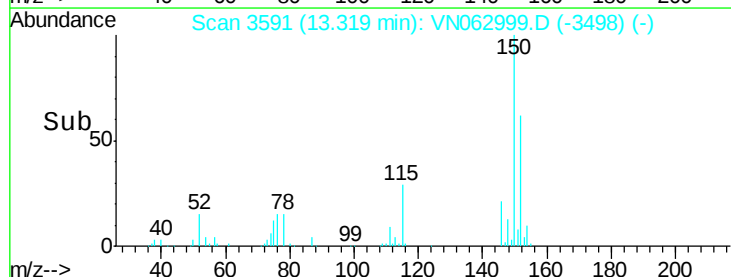
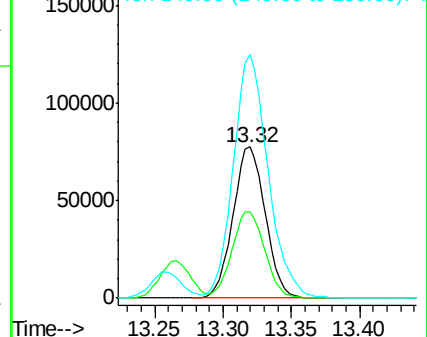
152 100

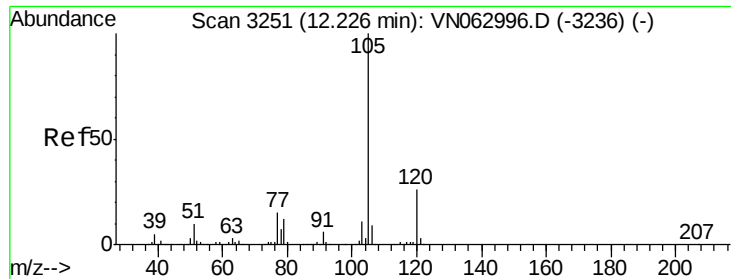
115 57.5 28.7 86.3

150 173.2 0.0 348.8



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





#73

Isopropylbenzene

Concen: 53.599 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

Tot Ion: 105 Resp: 466975

Ion Ratio Lower Upper

105 100

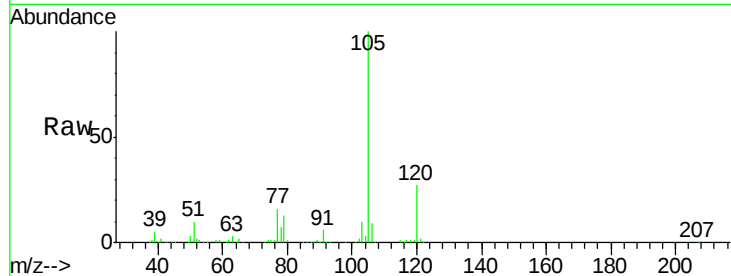
120 26.7 13.2 39.6

Manual Integrations

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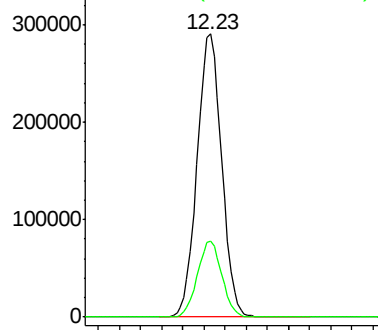
MMDadoda

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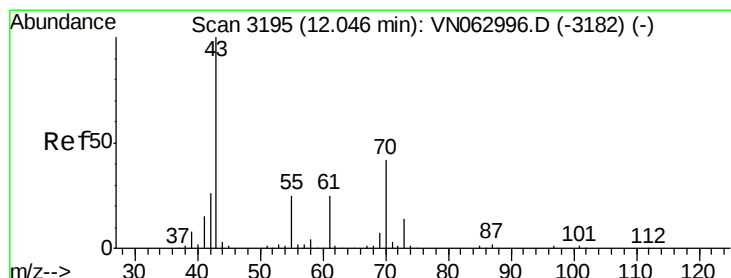
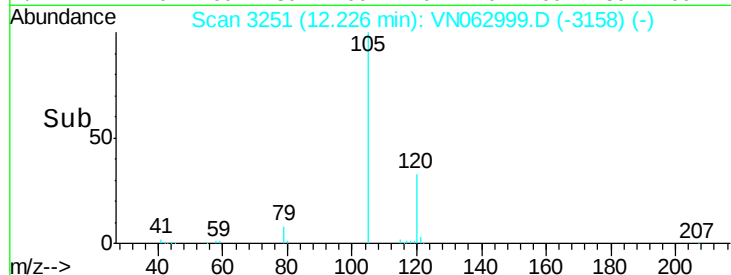


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 56.629 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion: 43 Resp: 176702

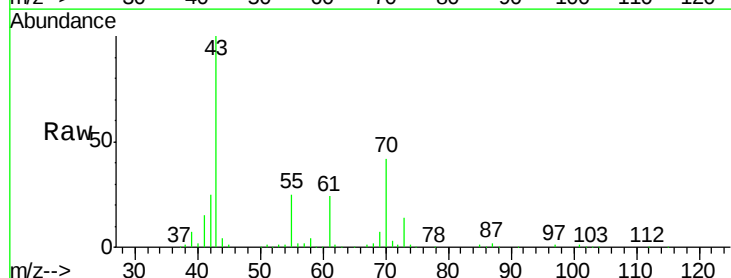
Ion Ratio Lower Upper

43 100

70 41.3 33.4 50.0

55 25.1 20.2 30.2

61 24.6 19.9 29.9

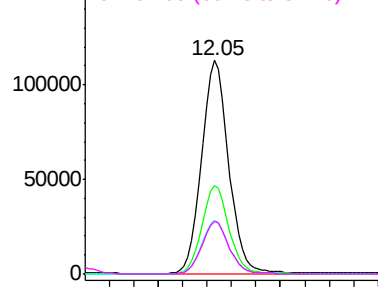


Abundance Ion 43.00 (42.70 to 43.70): VN

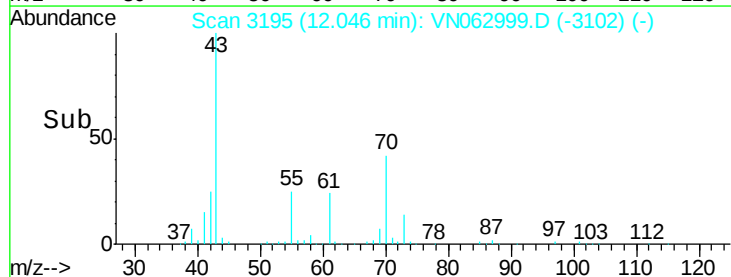
Ion 70.00 (69.70 to 70.70): VN

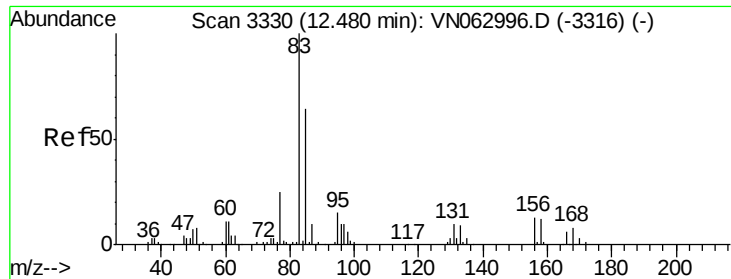
Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.614 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

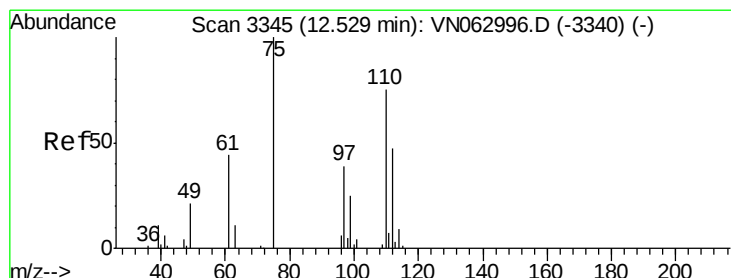
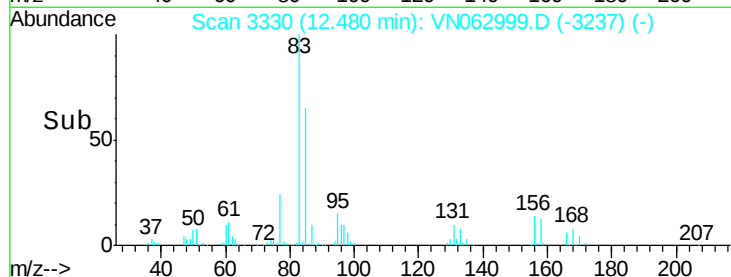
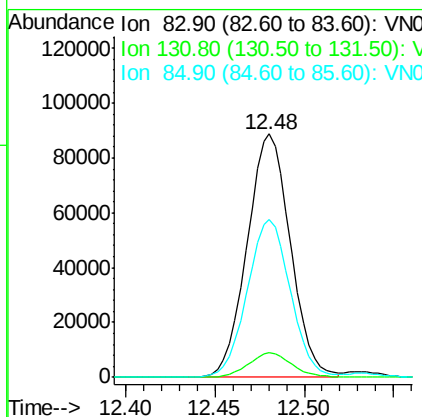
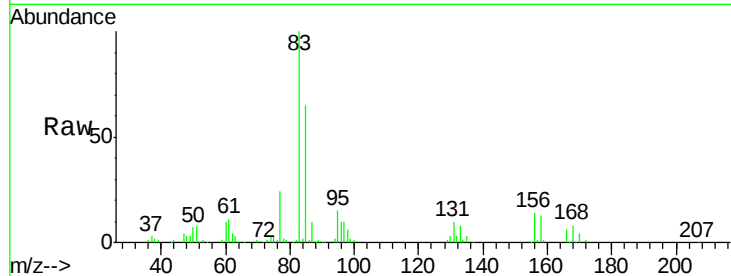
ClientSampleId :

ICVVN081820

Tot Ion:	83	Resp:	150389
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.5	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.049 ug/l m

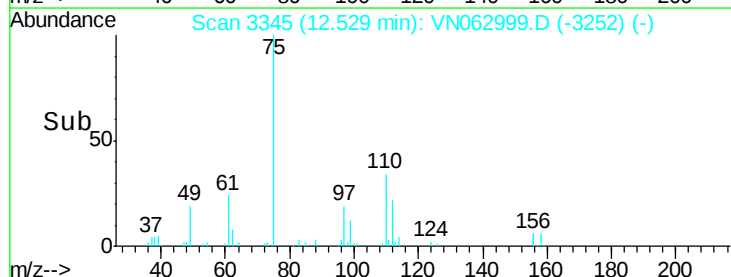
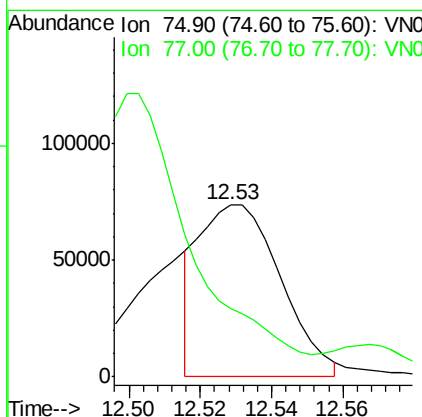
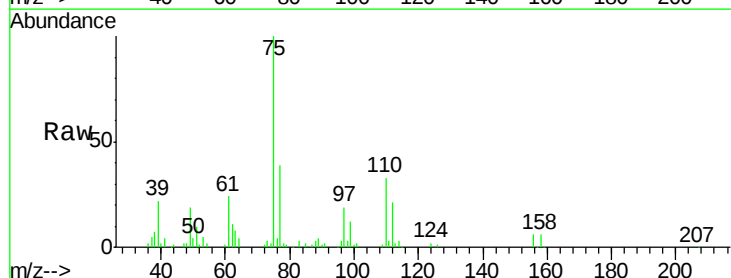
RT: 12.53 min Scan# 3345

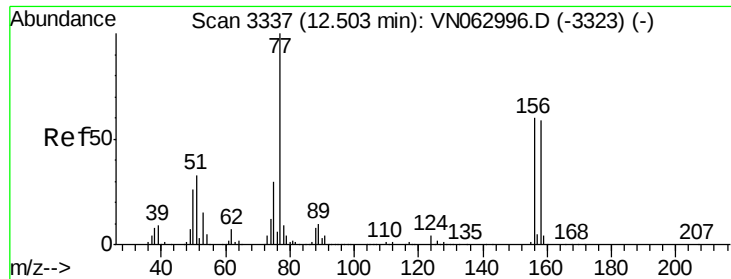
Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion:	75	Resp:	116352
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.436 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

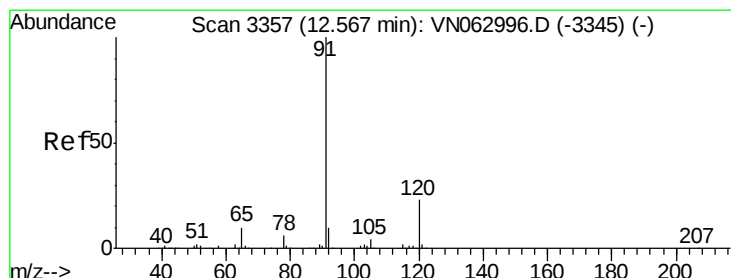
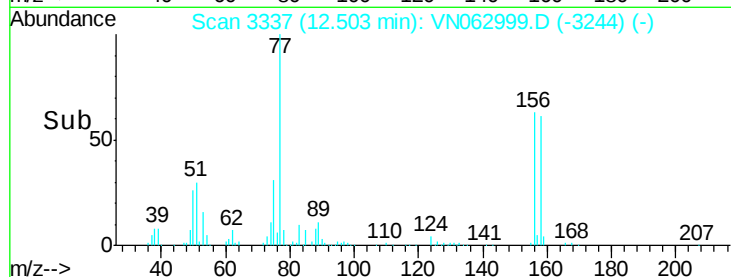
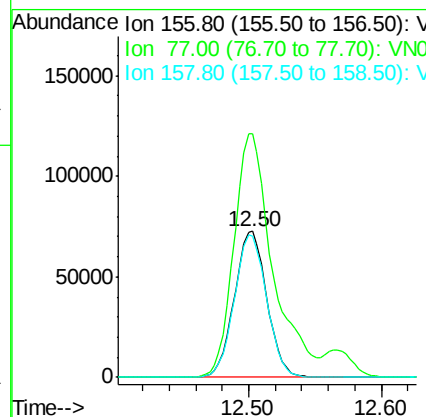
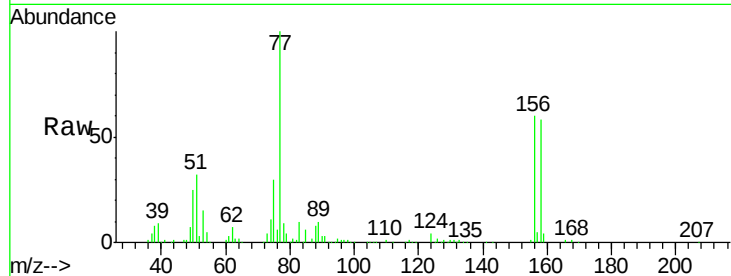
ClientSampleId :

ICVVN081820

Tot Ion:	156	Resp:	123249
Ion Ratio	Lower	Upper	
156	100		
77	199.7	101.0	302.9
158	97.5	49.4	148.0

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#78

n-propylbenzene

Concen: 55.204 ug/l

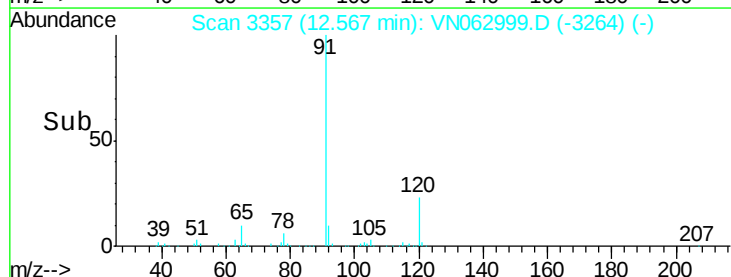
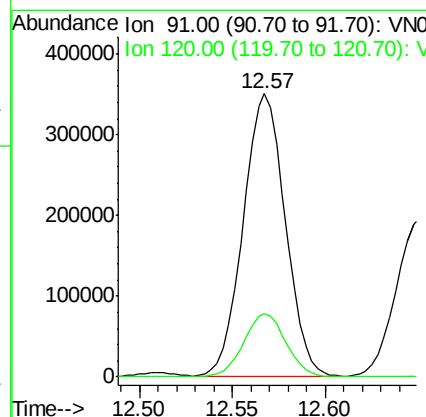
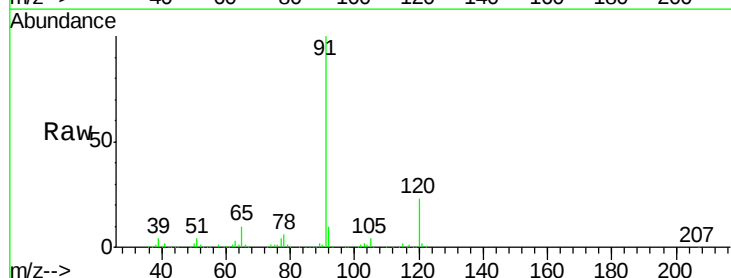
RT: 12.57 min Scan# 3357

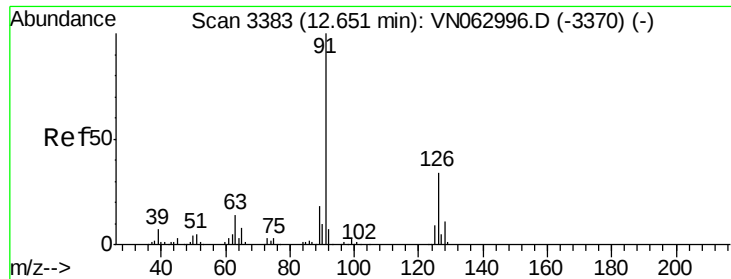
Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion:	91	Resp:	548215
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.1





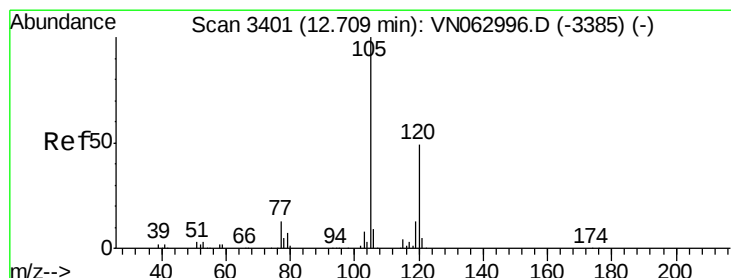
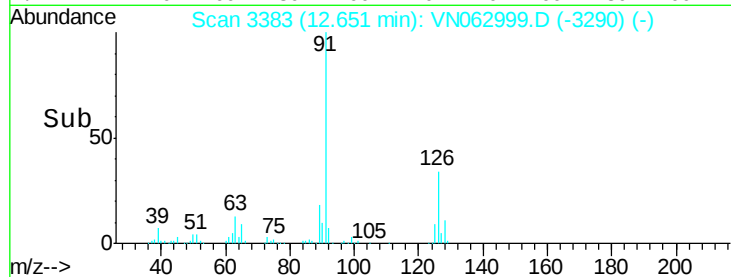
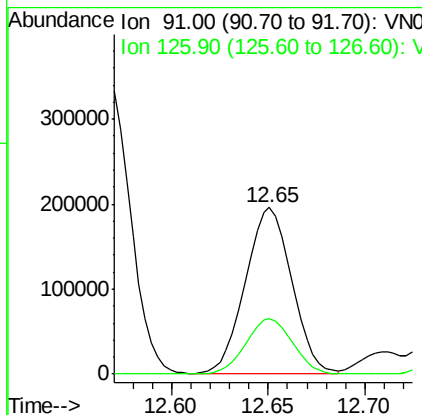
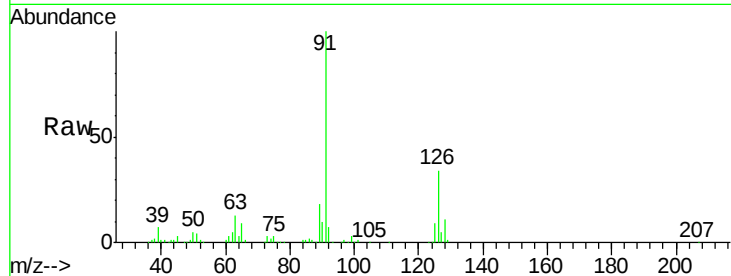
#79
 2-Chlorotoluene
 Concen: 52.020 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion: 91 Resp: 324927
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.2

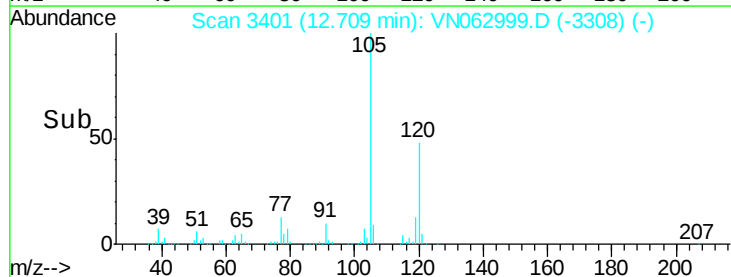
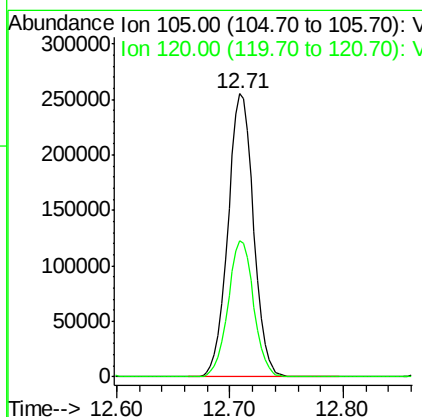
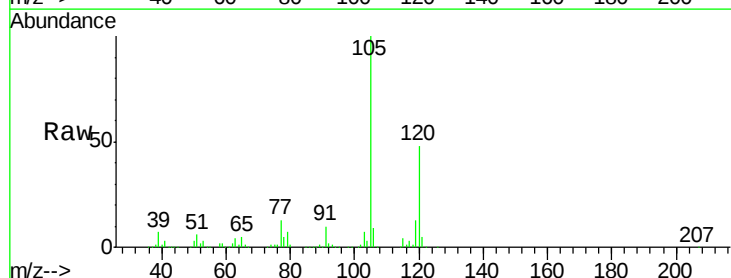
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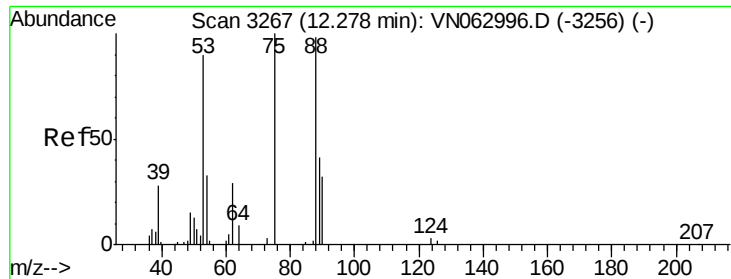
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.535 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 105 Resp: 399971
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8





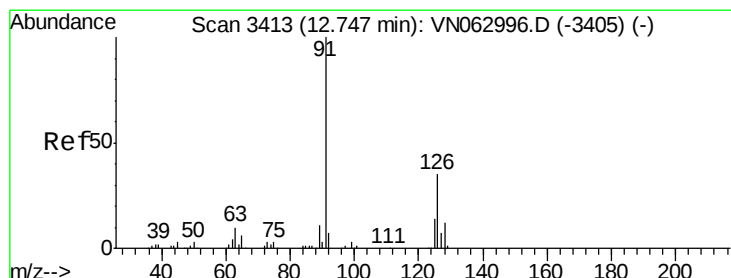
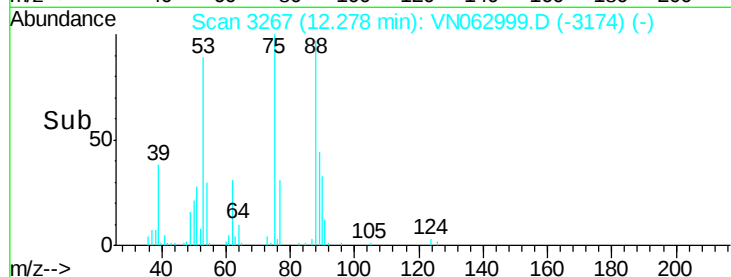
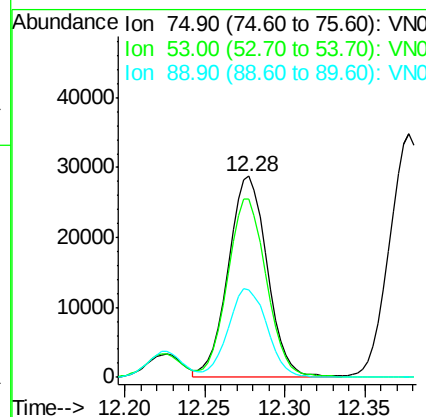
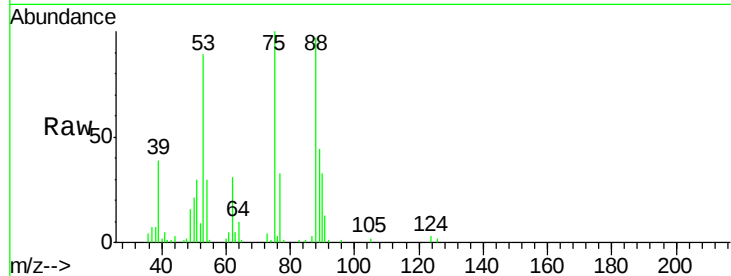
#81
trans-1,4-Dichloro-2-butene
Concen: 53.311 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.5	69.2	103.8
89	44.1	34.2	51.4

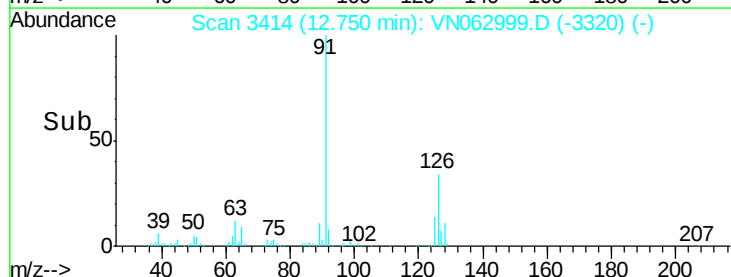
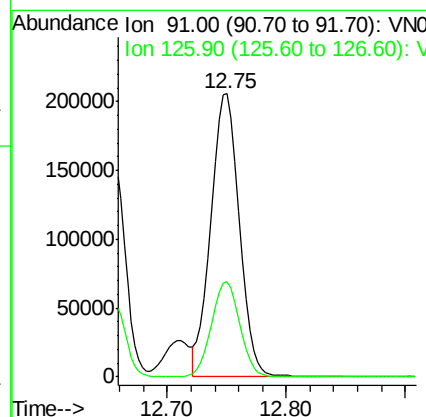
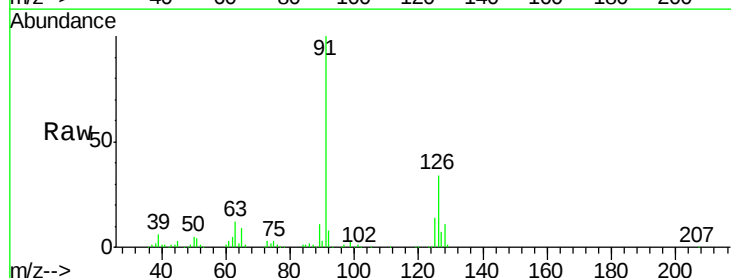
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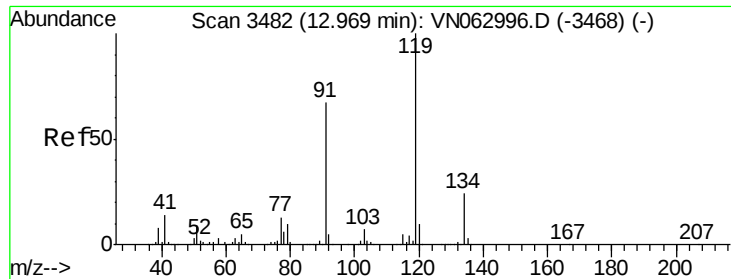
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#82
4-Chlorotoluene
Concen: 53.491 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.5	49.5





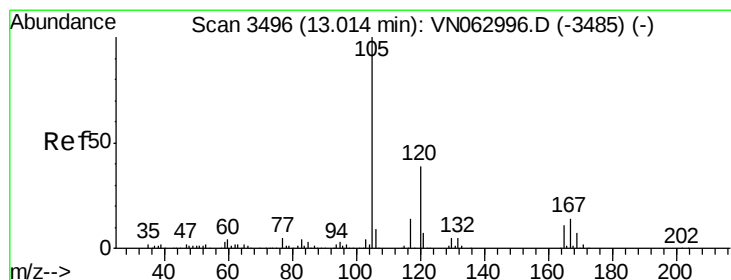
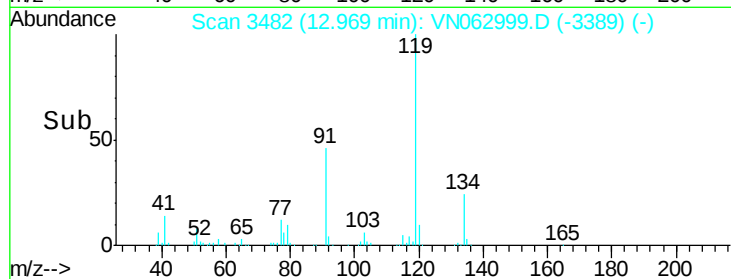
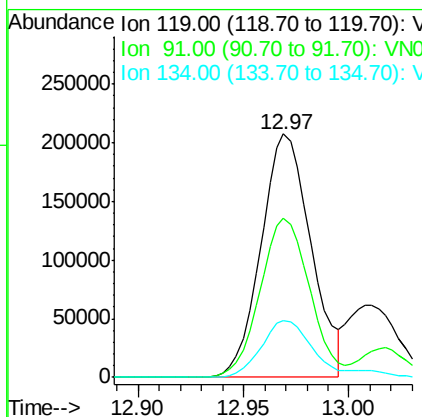
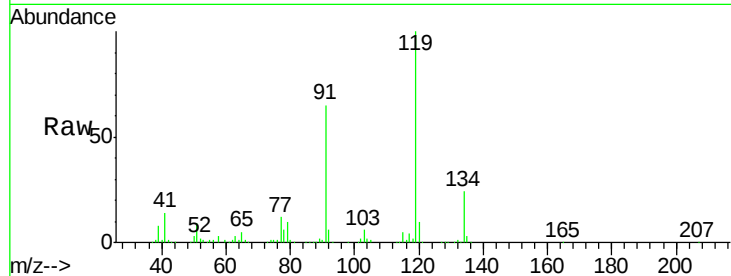
#83
tert-Butylbenzene
Concen: 55.073 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.5	97.4
134	25.5	13.1	39.3

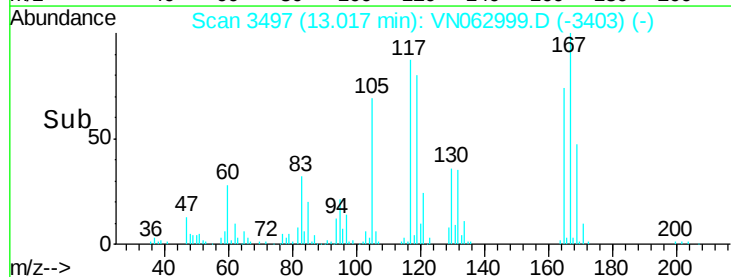
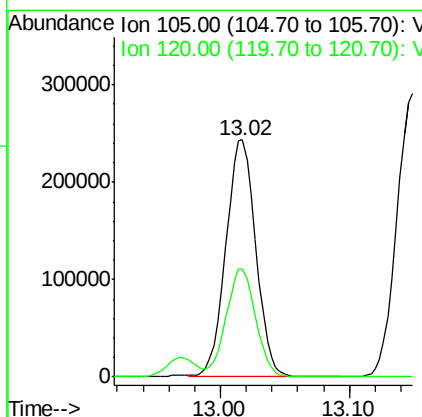
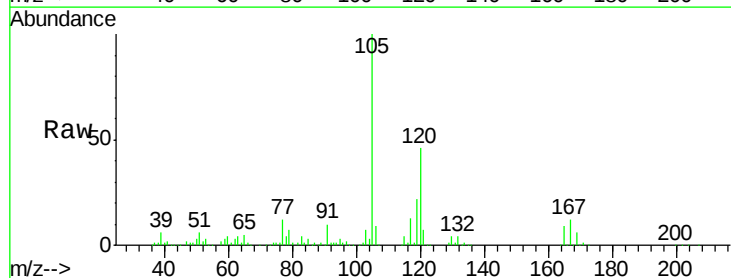
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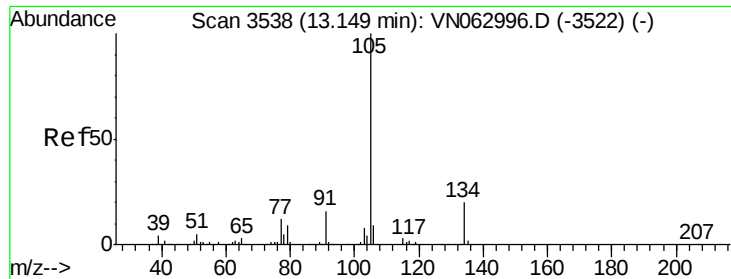
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 55.480 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.5	67.5





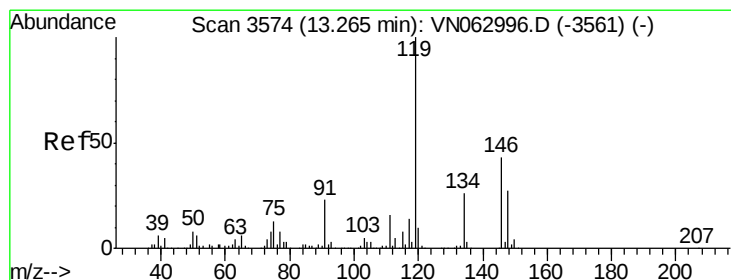
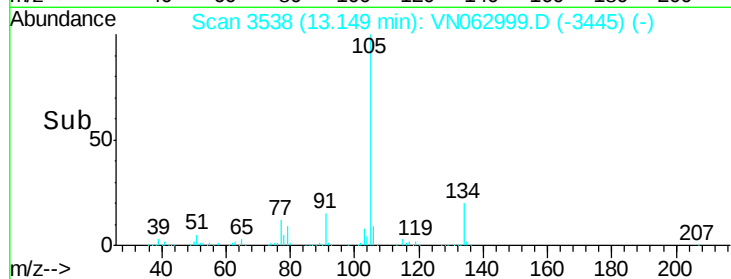
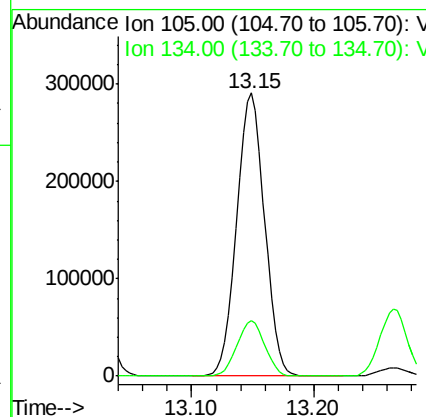
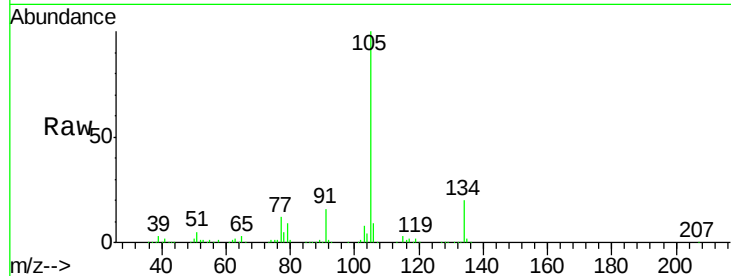
#85
 sec-Butylbenzene
 Concen: 54.971 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
105	100	461819		
134	19.6	9.8	29.4	

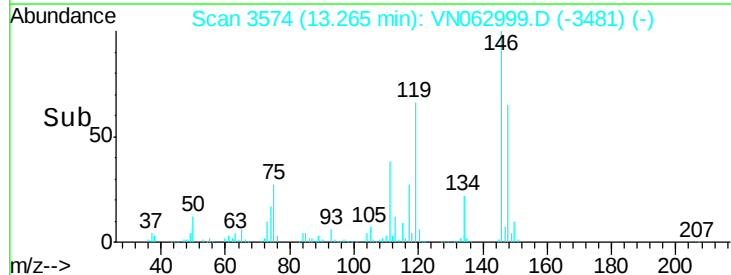
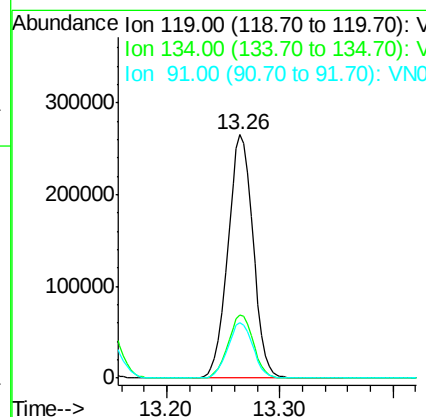
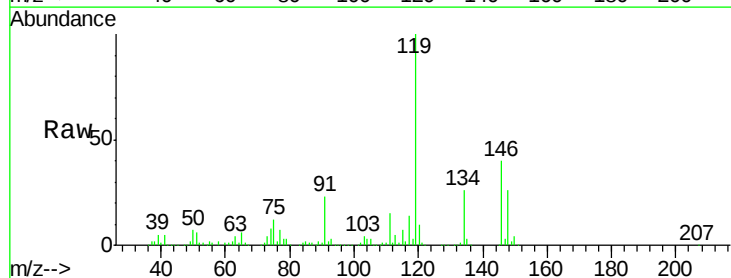
Manual Integrations
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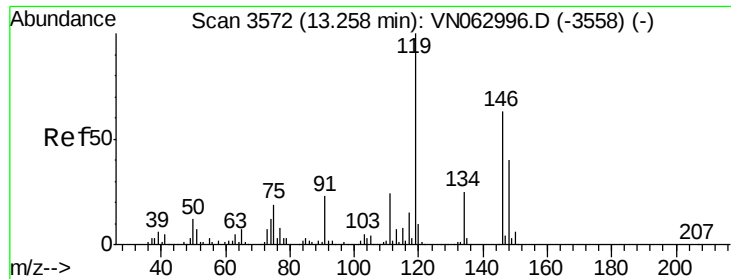
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#86
 p-Isopropyltoluene
 Concen: 55.676 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	407555		
134	26.3	13.1	39.3	
91	23.2	11.5	34.4	





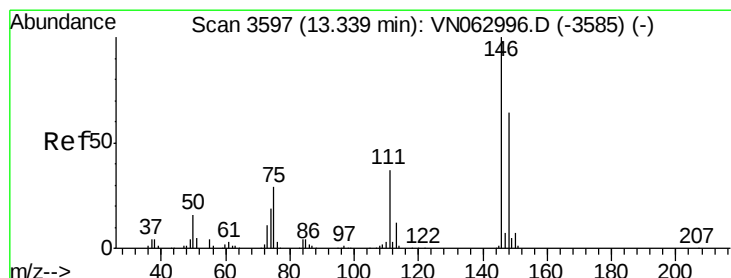
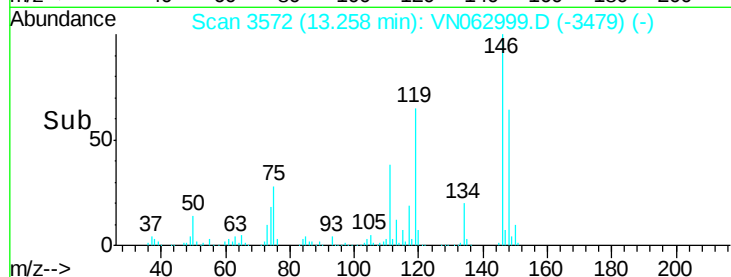
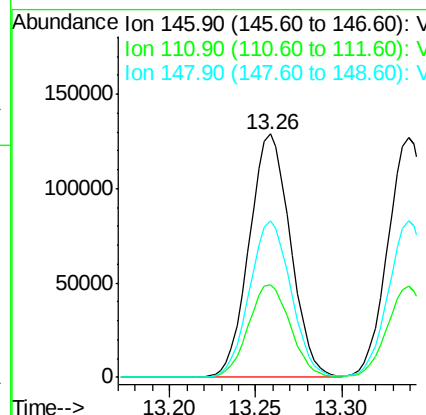
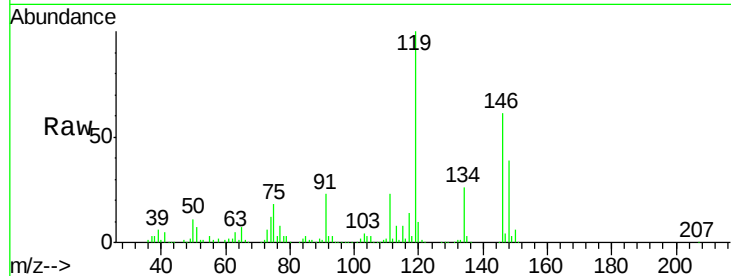
#87
 1,3-Dichlorobenzene
 Concen: 52.061 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
146	100	214388		
111	38.7	19.4	58.1	
148	64.7	32.0	96.0	

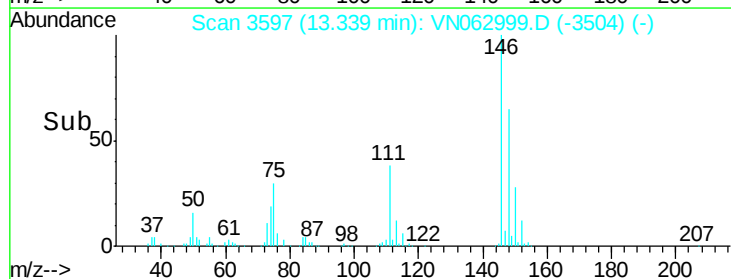
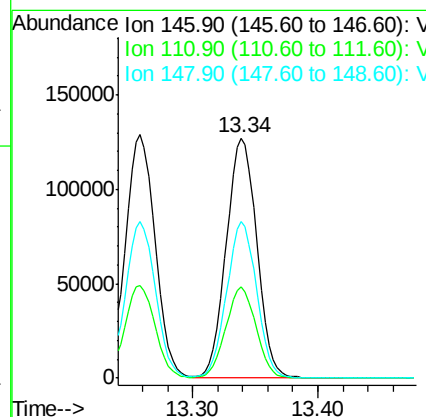
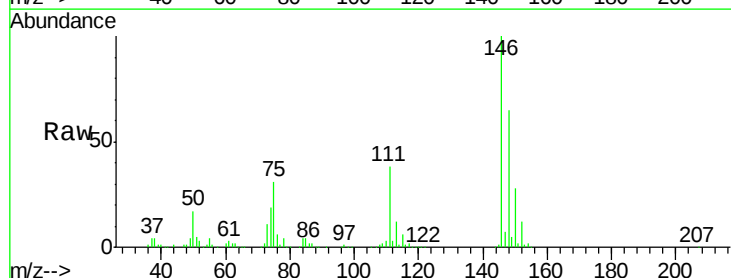
Manual Integrations
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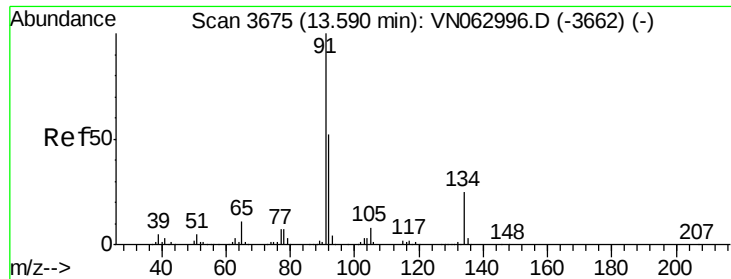
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#88
 1,4-Dichlorobenzene
 Concen: 51.197 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	213989		
111	37.6	18.8	56.4	
148	64.4	32.4	97.0	





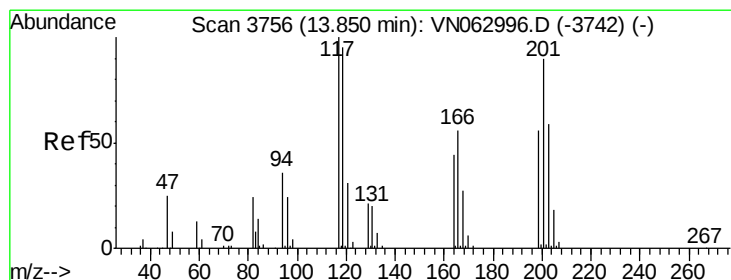
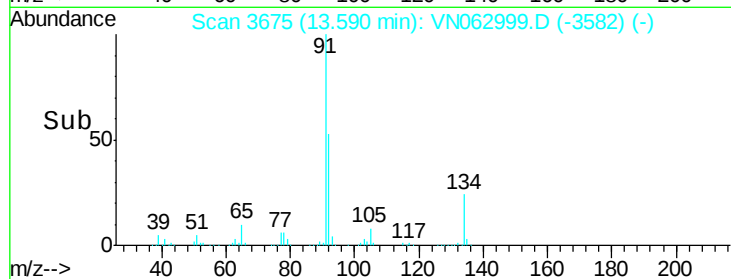
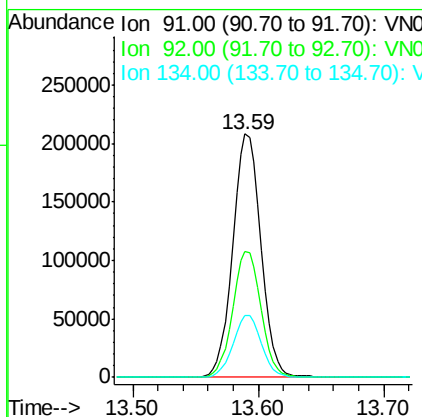
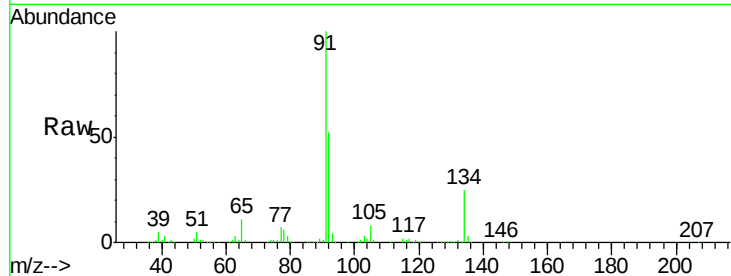
#89
n-Butylbenzene
Concen: 47.053 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.9	25.9	77.6	
134	25.5	12.4	37.0	

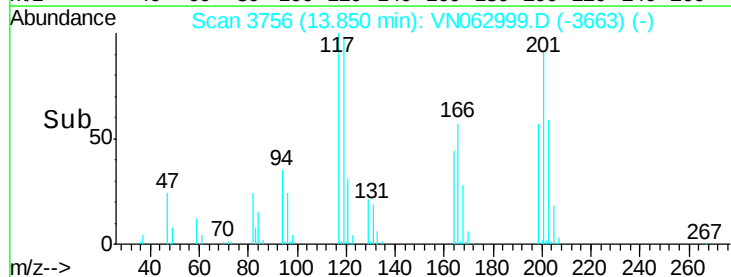
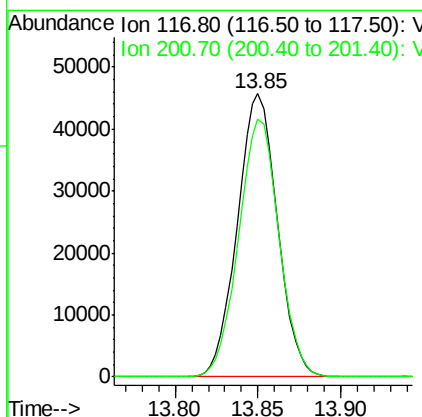
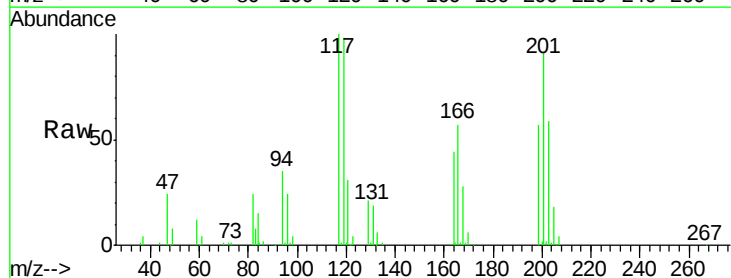
Manual Integrations
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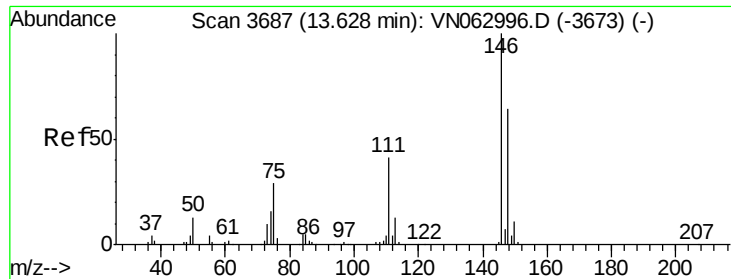
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#90
Hexachloroethane
Concen: 49.245 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	91.7	44.1	132.4	





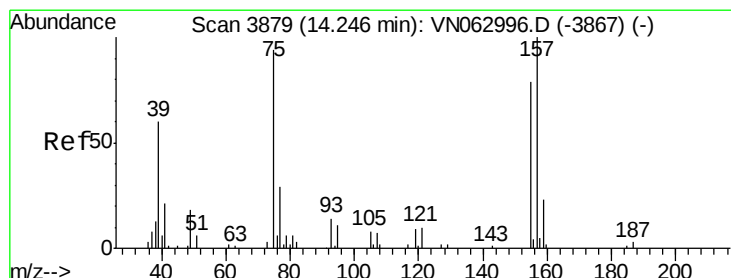
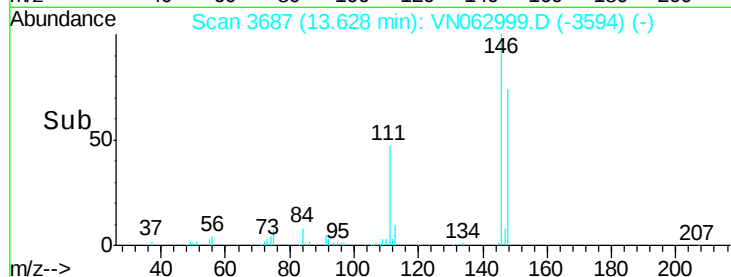
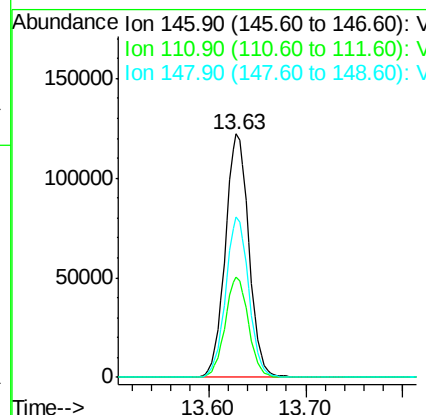
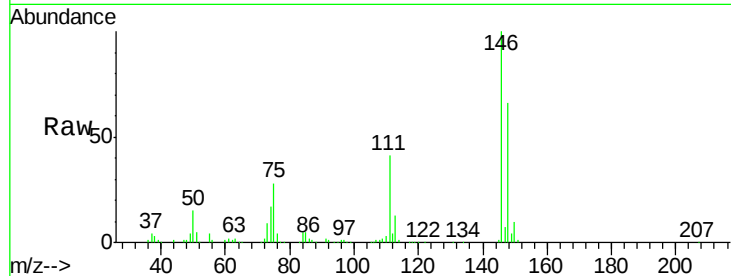
#91
 1,2-Dichlorobenzene
 Concen: 52.072 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	64.3	31.9	95.5

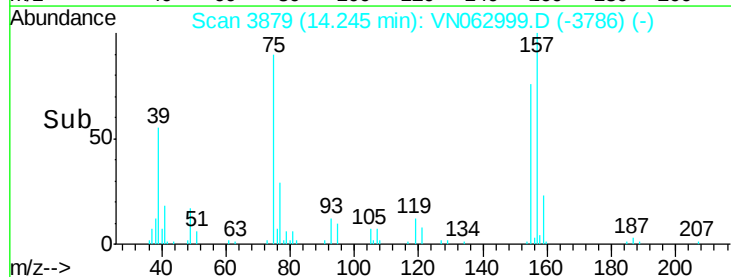
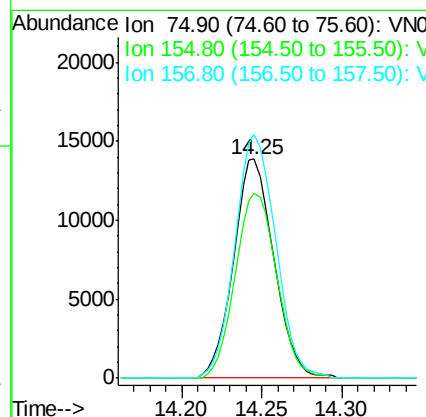
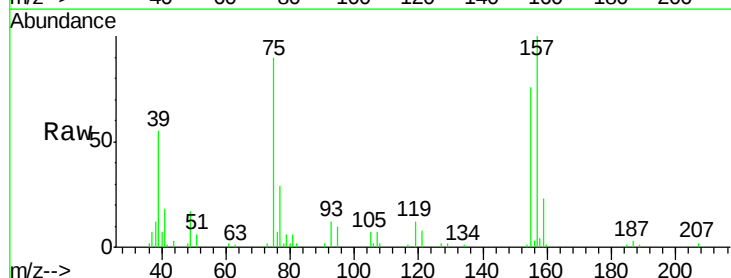
Manual Integrations
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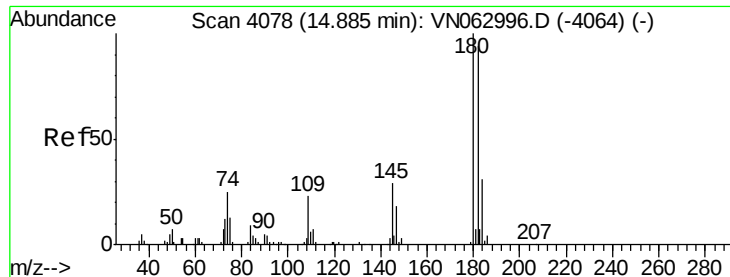
MMDadoda
 8/19/2020 5:46:22 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.410 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	42.4	127.1
157	112.1	55.2	165.6





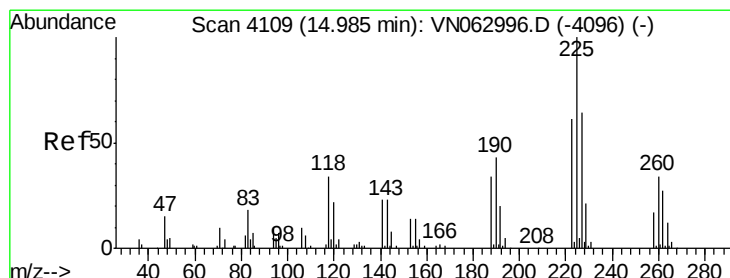
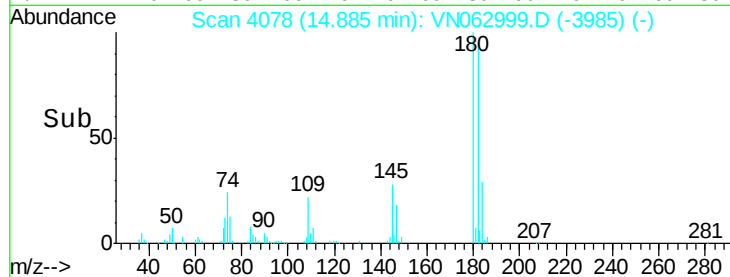
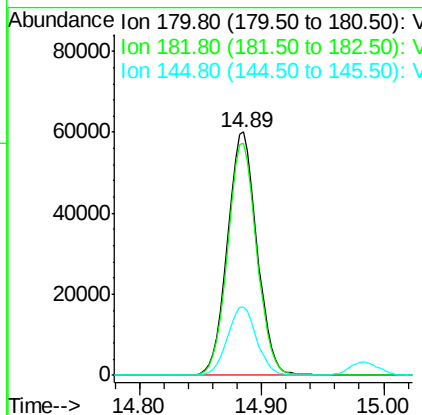
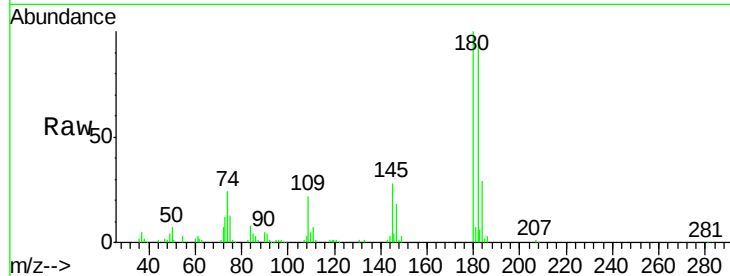
#93
 1,2,4-Trichlorobenzene
 Concen: 46.382 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	47.0	141.2	
145	27.9	14.1	42.4	

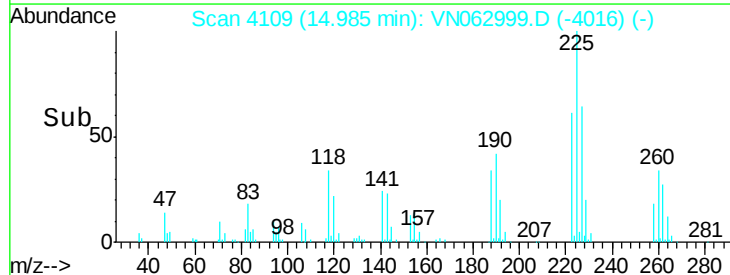
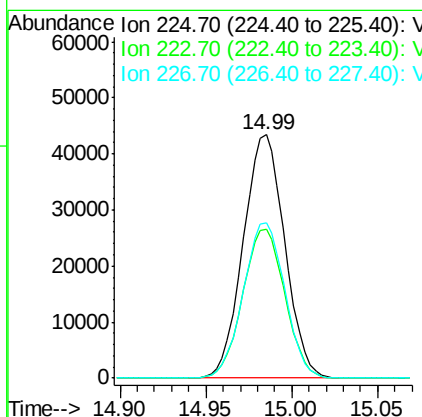
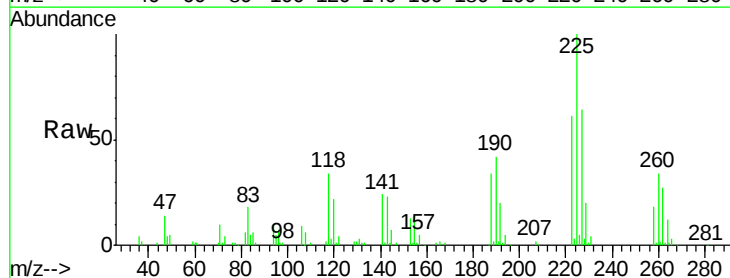
Manual Integrations
 APPROVED

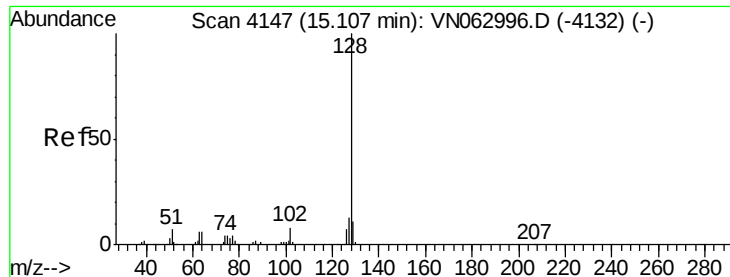
MMDadoda
 8/19/2020 5:46:22 PM



#94
 Hexachlorobutadiene
 Concen: 49.409 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	30.9	92.5	
227	63.9	31.9	95.9	





#95

Naphthalene

Concen: 45.567 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

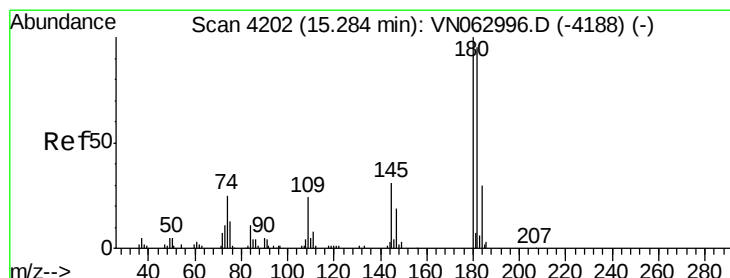
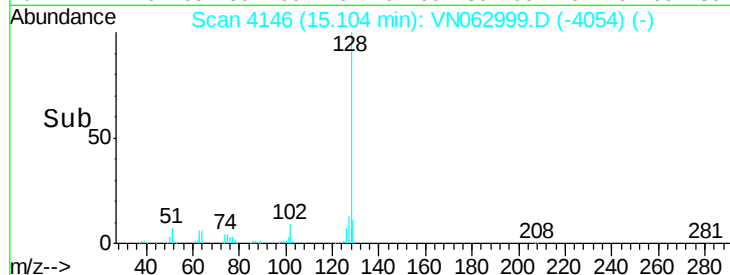
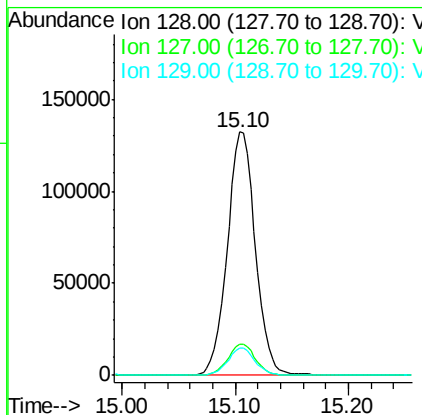
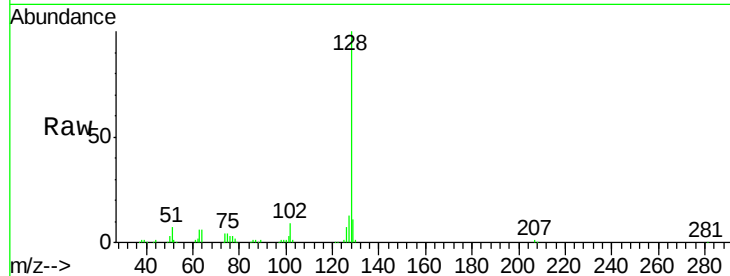
ClientSampleId :

ICVVN081820

Tot Ion:	128	Resp:	228448
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/19/2020 5:46:22 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.777 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion:	180	Resp:	100509
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.3	141.9
145	30.6	15.6	46.7

