

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062979.D
 Acq On : 17 Aug 2020 19:32
 Operator : JC/MD
 Sample : VN0817WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:13:05 AM

Quant Time: Aug 18 07:03:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	349282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	329829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124417	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	111052	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.06	98	430883	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.38	95	150406	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56120	19.159	ug/l	99
3) Chloromethane	2.04	50	50112	19.015	ug/l	100
4) Vinyl Chloride	2.16	62	72815	21.877	ug/l	99
5) Bromomethane	2.52	94	46006	19.504	ug/l	97
6) Chloroethane	2.66	64	43387	19.141	ug/l	94
7) Trichlorofluoromethane	2.98	101	88826	19.159	ug/l	99
8) Diethyl Ether	3.37	74	30766	21.649	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46174	20.853	ug/l	95
10) Methyl Iodide	3.91	142	57890	20.509	ug/l	99
11) Tert butyl alcohol	4.73	59	39395	88.936	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	42640	20.286	ug/l	99
13) Acrolein	3.57	56	18609	70.022	ug/l	97
14) Allyl chloride	4.28	41	52428	16.154	ug/l	98
15) Acrylonitrile	4.93	53	104011	89.038	ug/l	99
16) Acetone	3.78	43	119117	118.683	ug/l	97
17) Carbon Disulfide	4.01	76	119966	19.889	ug/l	99
18) Methyl Acetate	4.28	43	47355	21.767	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	124148	18.081	ug/l	100
20) Methylene Chloride	4.51	84	42992	18.119	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	36608	16.627	ug/l	95
22) Diisopropyl ether	5.90	45	123299	17.581	ug/l	96
23) Vinyl Acetate	5.85	43	403832	81.693	ug/l	99
24) 1,1-Dichloroethane	5.80	63	71071	17.333	ug/l	100
25) 2-Butanone	6.79	43	124877	86.330	ug/l	100
26) 2,2-Dichloropropane	6.77	77	57984	17.108	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	45920	17.579	ug/l	99
28) Bromochloromethane	7.15	49	31948	16.162	ug/l	96
29) Tetrahydrofuran	7.17	42	85996	109.386	ug/l	99
30) Chloroform	7.33	83	76266	17.837	ug/l	99
31) Cyclohexane	7.62	56	68700	17.182	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	63700	17.948	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51563	17.209	ug/l	98
37) Ethyl Acetate	6.89	43	47481	17.347	ug/l	98
38) Carbon Tetrachloride	7.73	117	56051	17.706	ug/l	96

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 Misc : 5.00mL/MSVOA N/WATER
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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66315	16.678	ug/l	96
40) Benzene	8.00	78	167138	17.635	ug/l	100
41) Methacrylonitrile	7.13	41	20854m	15.535	ug/l	
42) 1,2-Dichloroethane	8.09	62	55708	17.908	ug/l	98
43) Isopropyl Acetate	8.13	43	78978	18.161	ug/l	99
44) Trichloroethene	8.80	130	45699	17.885	ug/l	98
45) 1,2-Dichloropropane	9.09	63	44258	16.760	ug/l	100
46) Dibromomethane	9.18	93	29439	17.906	ug/l	98
47) Bromodichloromethane	9.37	83	60141	18.035	ug/l	99
48) Methyl methacrylate	9.17	41	37934	17.833	ug/l	97
49) 1,4-Dioxane	9.17	88	17346	385.544	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	266193	91.485	ug/l	100
52) Toluene	10.13	92	107749	17.996	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	63401	17.626	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	71158	18.327	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	46129	18.176	ug/l	99
56) Ethyl methacrylate	10.40	69	62674	18.484	ug/l	98
57) 1,3-Dichloropropane	10.68	76	72364	18.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	69162	103.827	ug/l	98
59) 2-Hexanone	10.72	43	189288	102.096	ug/l	100
60) Dibromochloromethane	10.88	129	50755	17.970	ug/l	100
61) 1,2-Dibromoethane	10.98	107	45922	17.725	ug/l	99
64) Tetrachloroethene	10.60	164	42339	18.715	ug/l	98
65) Chlorobenzene	11.41	112	119293	17.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	47302	18.040	ug/l	99
67) Ethyl Benzene	11.48	91	200998	17.673	ug/l	98
68) m/p-Xylenes	11.60	106	158593	36.927	ug/l	99
69) o-Xylene	11.92	106	77575	19.015	ug/l	97
70) Styrene	11.94	104	132680	18.751	ug/l	98
71) Bromoform	12.10	173	42316	19.307	ug/l #	99
73) Isopropylbenzene	12.22	105	204461	18.736	ug/l	99
74) N-amyl acetate	12.05	43	67610	18.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	69490	20.119	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	60620m	19.237	ug/l	
77) Bromobenzene	12.50	156	58218	18.504	ug/l	98
78) n-propylbenzene	12.57	91	235423	18.489	ug/l	99
79) 2-Chlorotoluene	12.65	91	142649	18.641	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	181284	19.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	20998	17.998	ug/l	96
82) 4-Chlorotoluene	12.75	91	145949	18.716	ug/l	99
83) tert-Butylbenzene	12.97	119	151140	19.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	168671	18.984	ug/l	100
85) sec-Butylbenzene	13.15	105	200277	19.219	ug/l	100
86) p-Isopropyltoluene	13.26	119	174248	18.791	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	98024	18.917	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	97758	18.306	ug/l	99
89) n-Butylbenzene	13.59	91	129485	17.192	ug/l	100
90) Hexachloroethane	13.85	117	34535	18.360	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	95648	19.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11635	19.602	ug/l	98

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Instrument :
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	42907	18.050	ug/l	99
94) Hexachlorobutadiene	14.98	225	34630	17.914	ug/l	98
95) Naphthalene	15.10	128	98436	19.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44522	18.397	ug/l	96

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

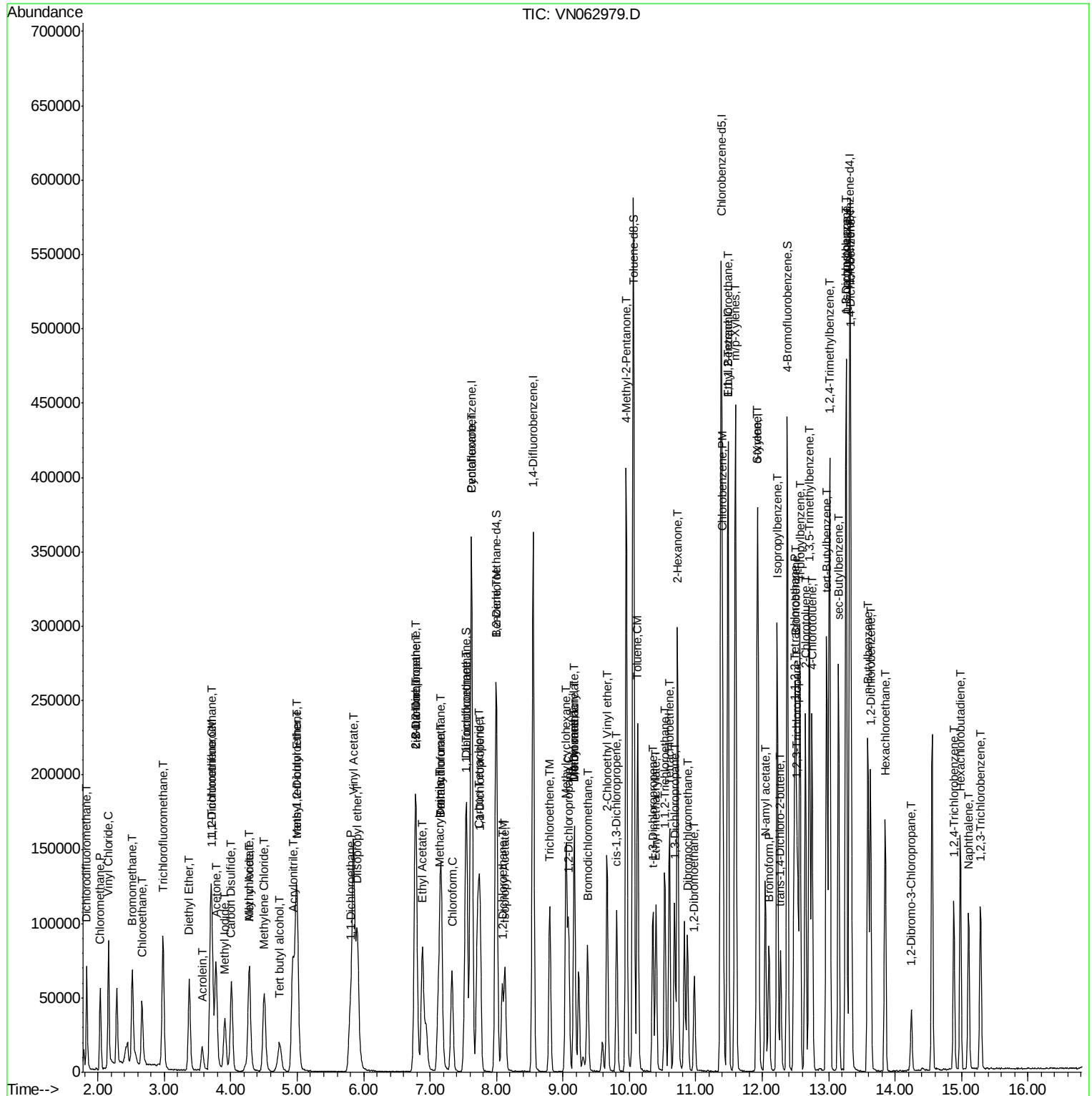
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Data File : VN062979.D
Acq On : 17 Aug 2020 19:32
Operator : JC/MD
Sample : VN0817WBS01
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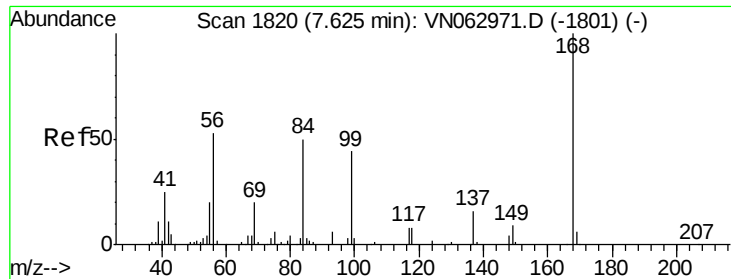
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion:168 Resp: 244695

Ion Ratio Lower Upper

168 100

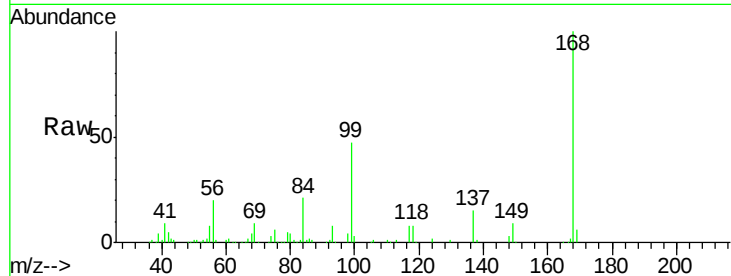
99 47.2 39.4 59.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

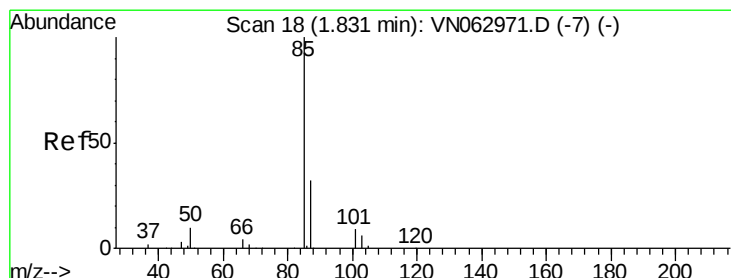
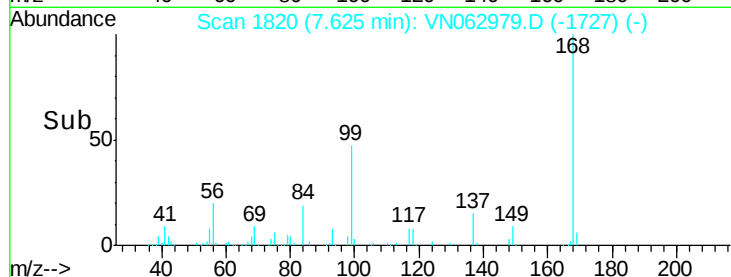
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.159 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062979.D

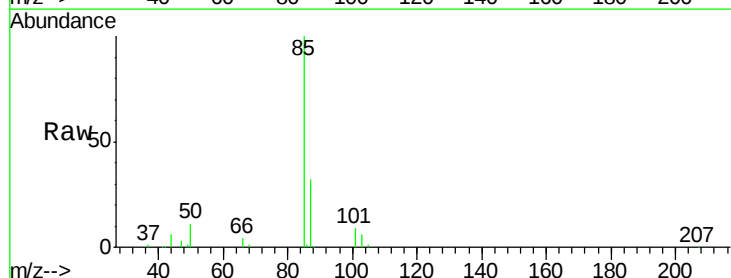
Acq: 17 Aug 2020 19:32

Tgt Ion: 85 Resp: 56120

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

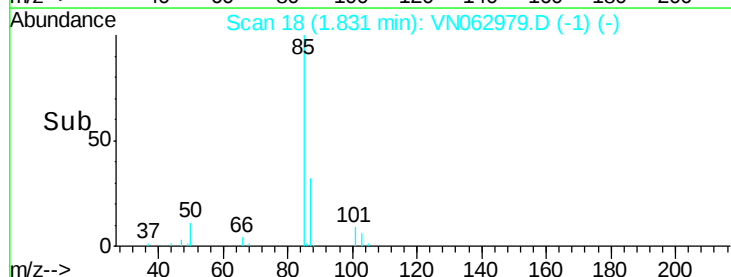
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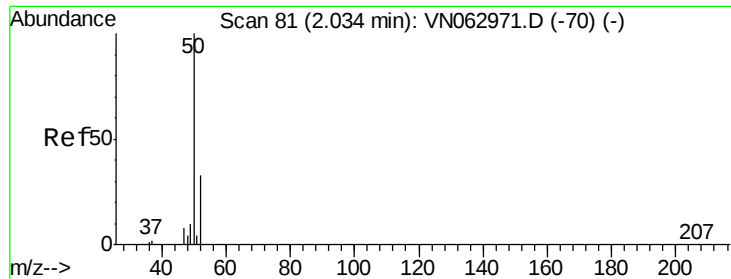
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10000

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Time-->





#3

Chloromethane

Concen: 19.015 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 50 Resp: 50112

Ion Ratio Lower Upper

50 100

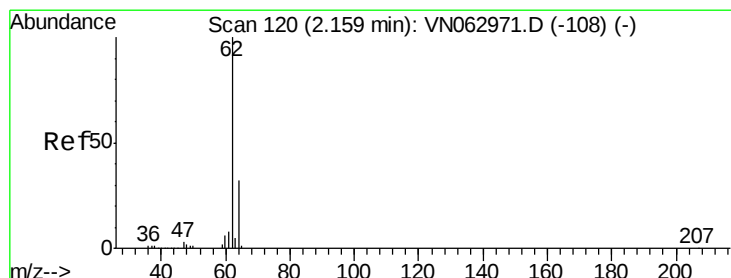
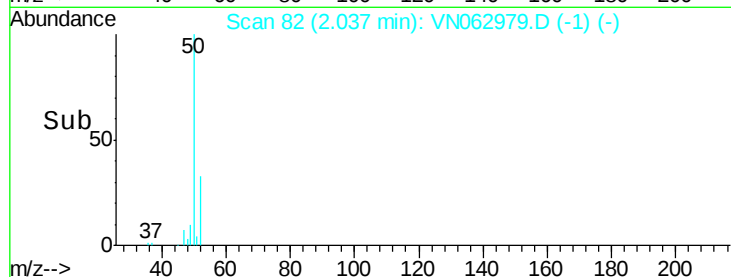
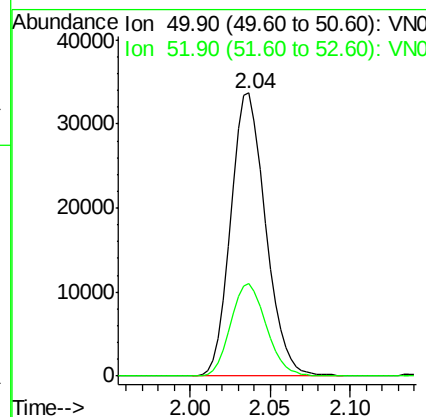
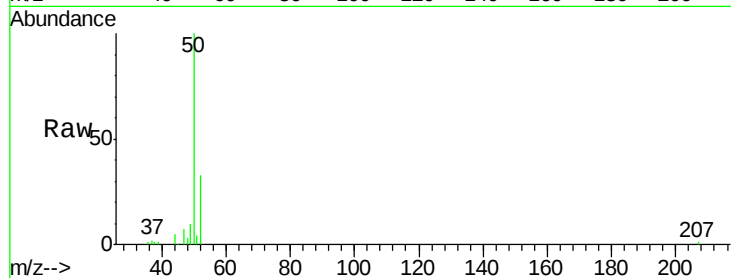
52 32.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.877 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062979.D

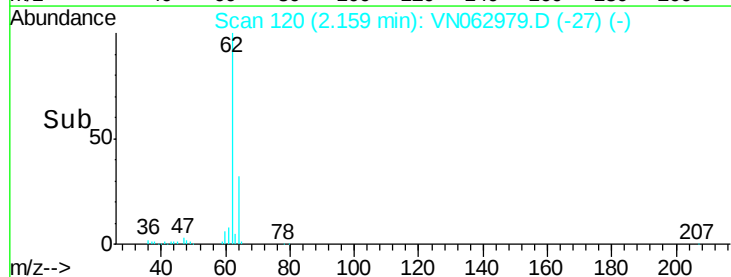
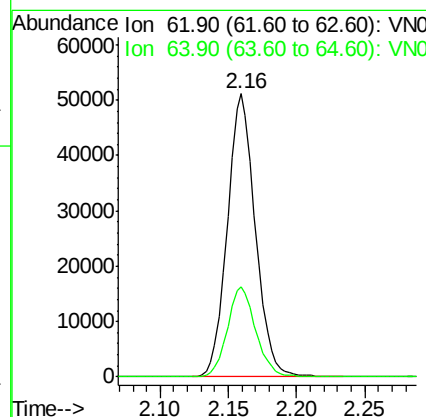
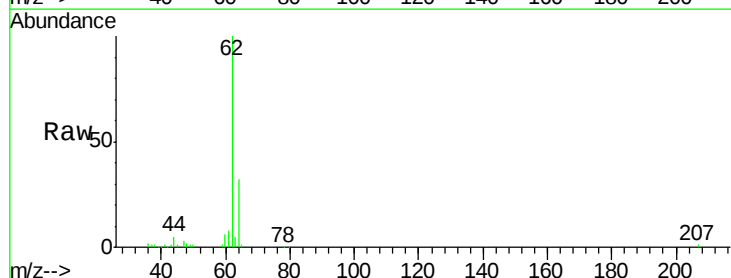
Acq: 17 Aug 2020 19:32

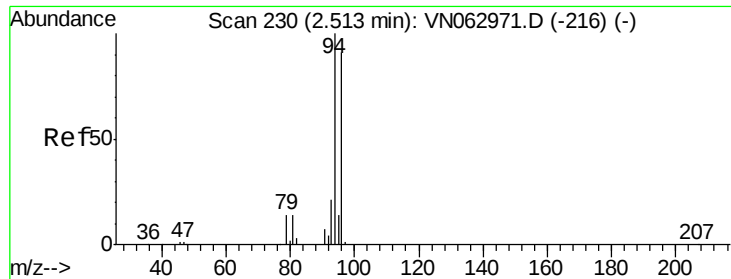
Tgt Ion: 62 Resp: 72815

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 19.504 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.01 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 94 Resp: 46006

Ion Ratio Lower Upper

94 100

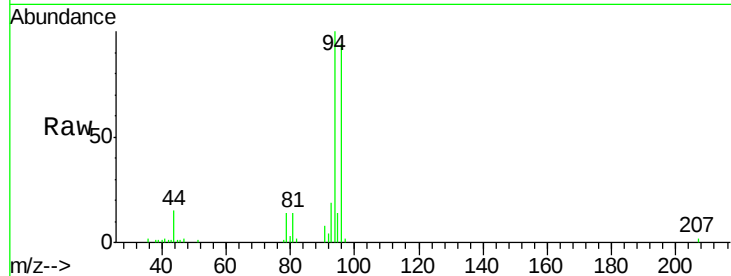
96 94.3 72.9 109.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

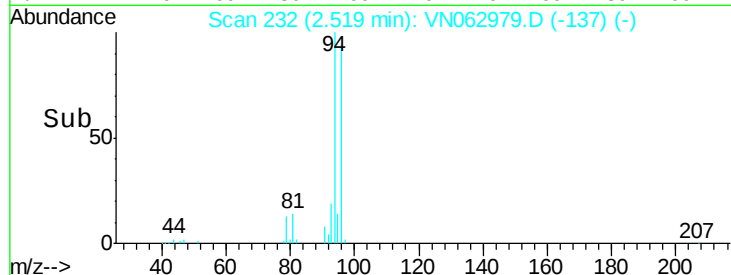
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10000

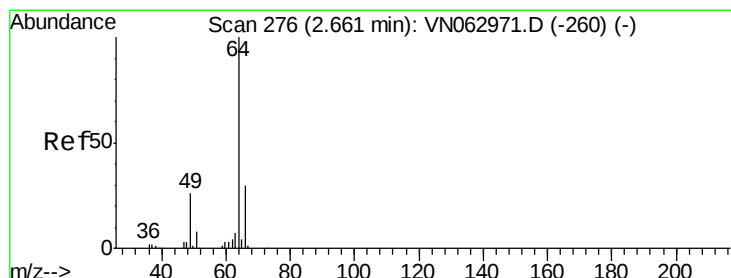
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Time-->



Time-->



#6

Chloroethane

Concen: 19.141 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062979.D

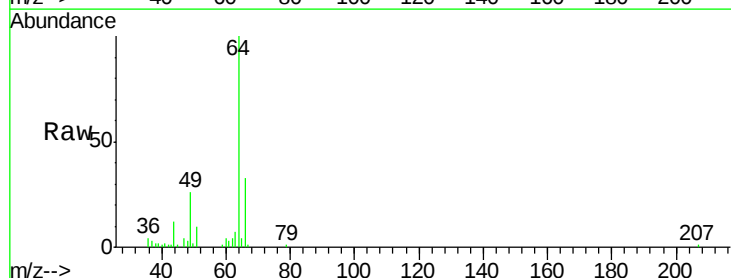
Acq: 17 Aug 2020 19:32

Tgt Ion: 64 Resp: 43387

Ion Ratio Lower Upper

64 100

66 33.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

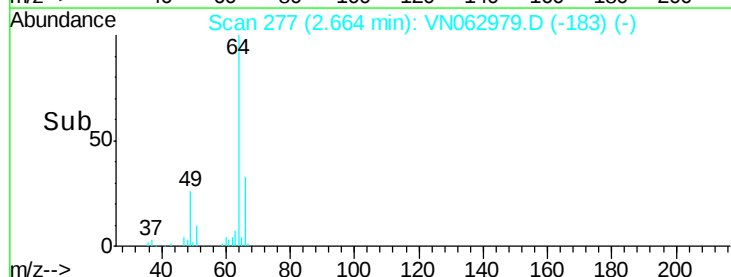
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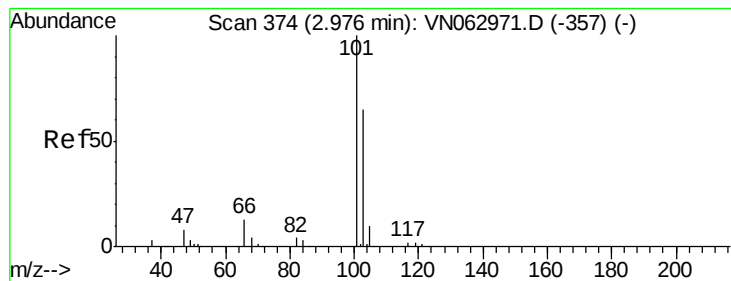
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5000

0

Time-->





#7

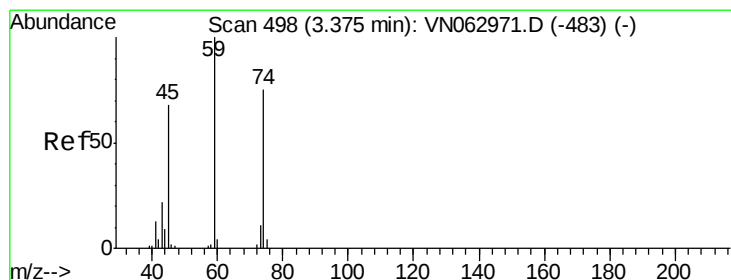
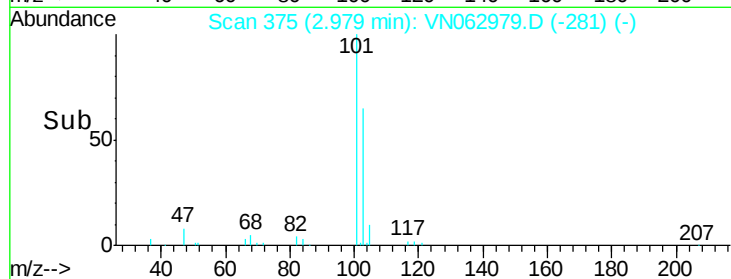
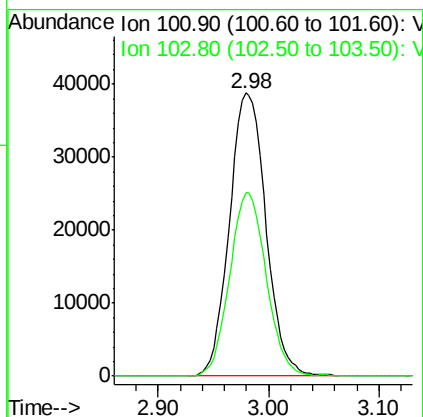
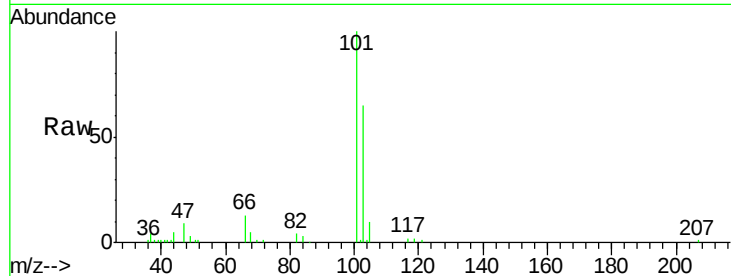
Trichlorofluoromethane
 Concen: 19.159 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		88826		
103	64.7	52.2	78.4		

Manual Integrations
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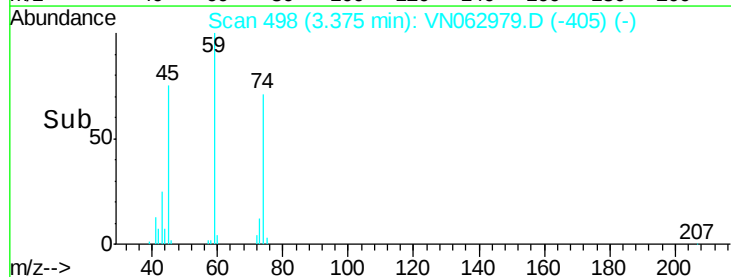
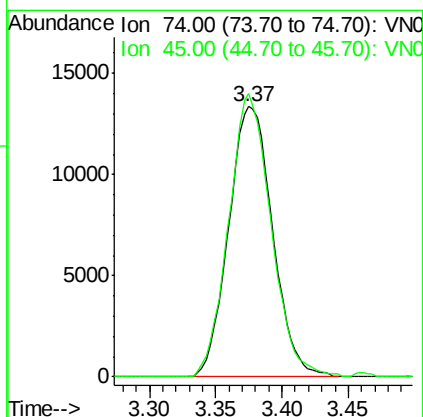
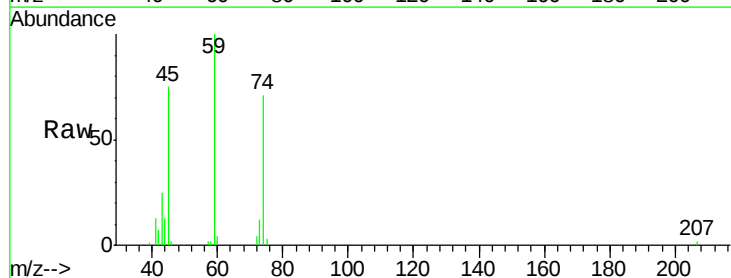
MMDadoda
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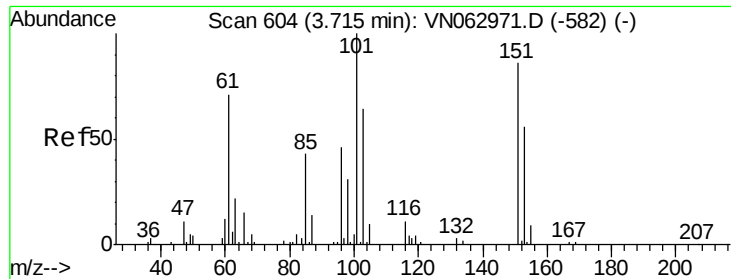


#8

Diethyl Ether
 Concen: 21.649 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		30766		
45	101.2	45.7	137.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.853 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062979.D

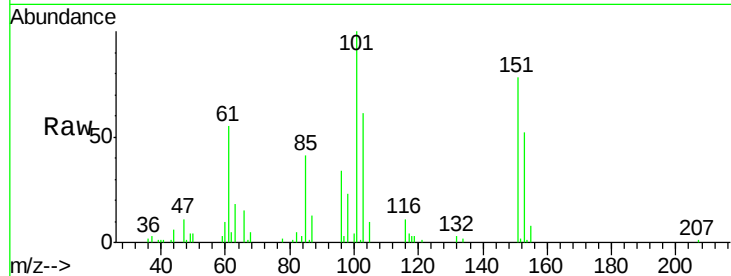
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Instrument :

MSVOA_N

ClientSampleId :

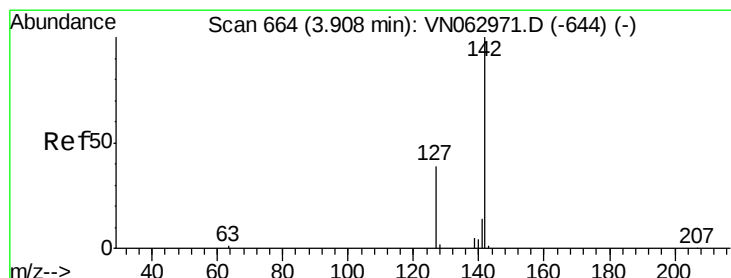
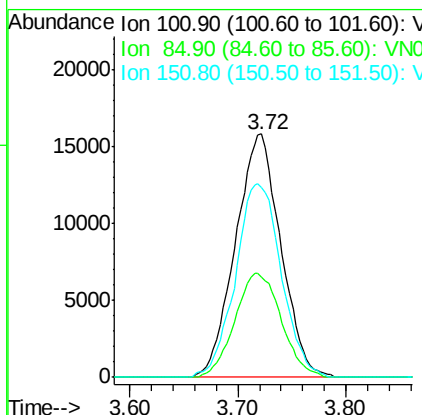
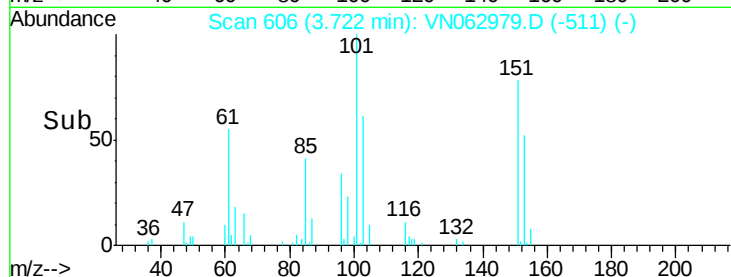
VN0817WBS01



Tot Ion:	101	Resp:	46174
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.1	51.1
151	80.3	69.3	103.9

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#10

Methyl Iodide

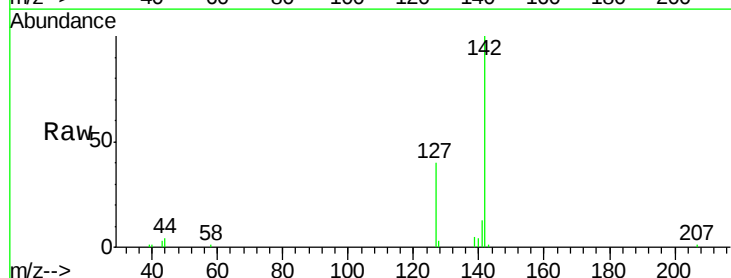
Concen: 20.509 ug/l

RT: 3.91 min Scan# 665

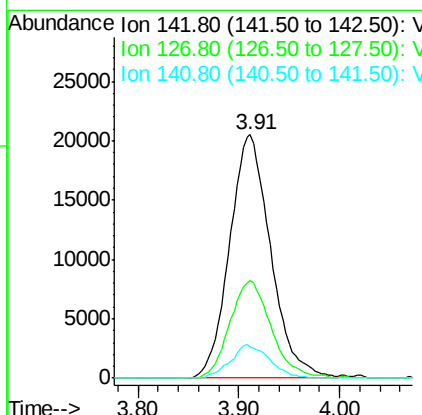
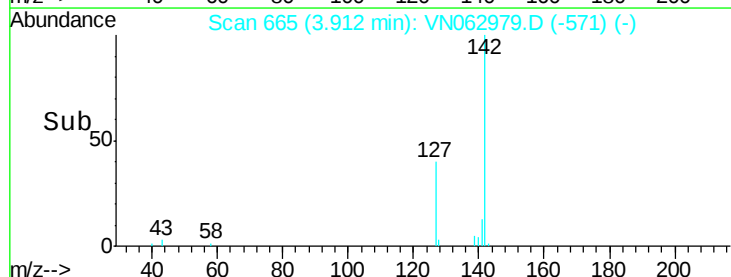
Delta R.T. 0.00 min

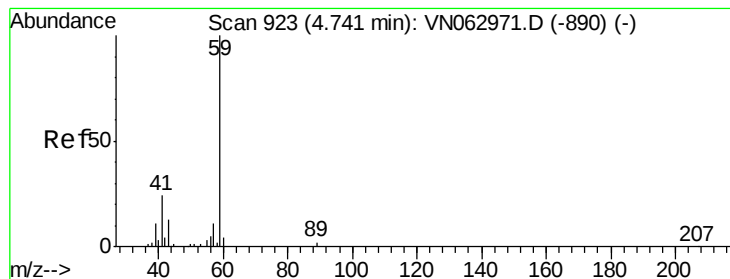
Lab File: VN062979.D

Acq: 17 Aug 2020 19:32



Tgt Ion:	142	Resp:	57890
Ion Ratio	Lower	Upper	
142	100		
127	40.2	31.9	47.9
141	13.0	11.4	17.2





#11

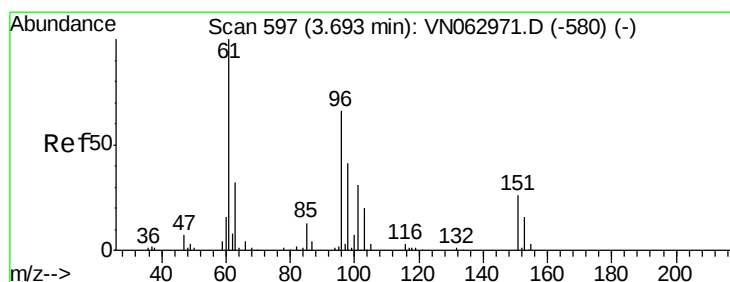
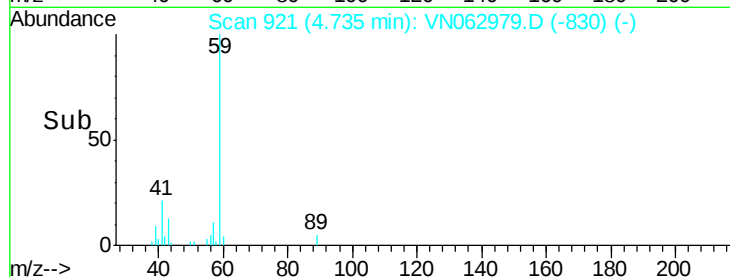
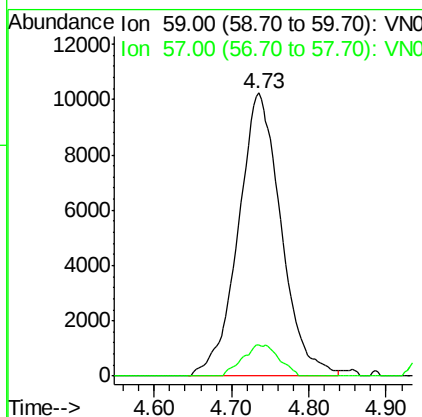
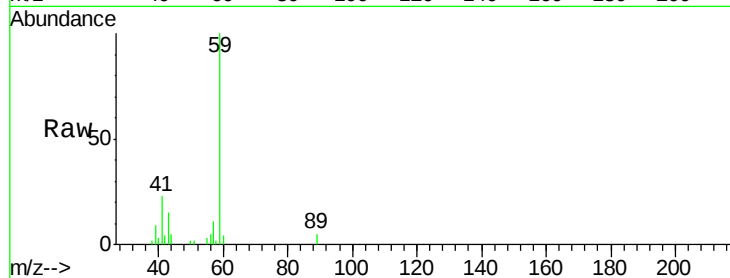
Tert butyl alcohol
Concen: 88.936 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.01 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100			
57	4.9		7.6	11.4#

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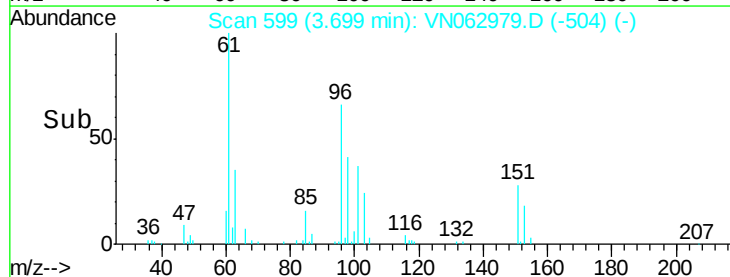
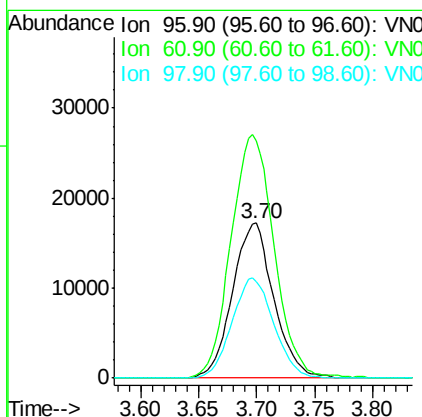
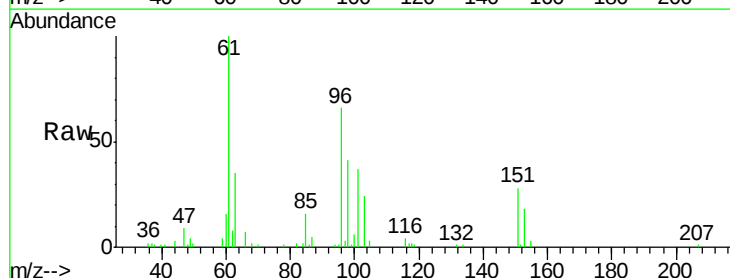
MMDadoda
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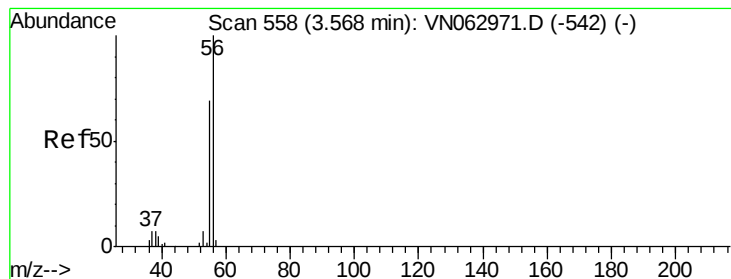


#12

1,1-Dichloroethene
Concen: 20.286 ug/l
RT: 3.70 min Scan# 599
Delta R.T. 0.01 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.5		120.4	180.6
98	62.0		49.8	74.6





#13

Acrolein

Concen: 70.022 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 56 Resp: 18609

Ion Ratio Lower Upper

56 100

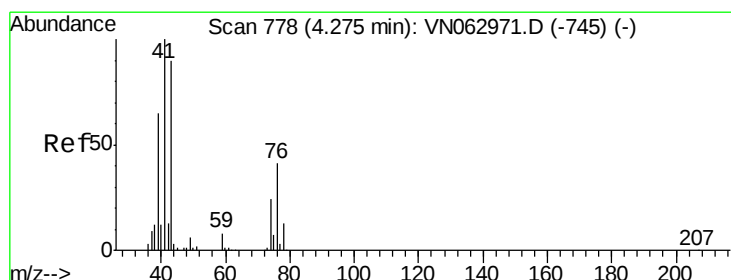
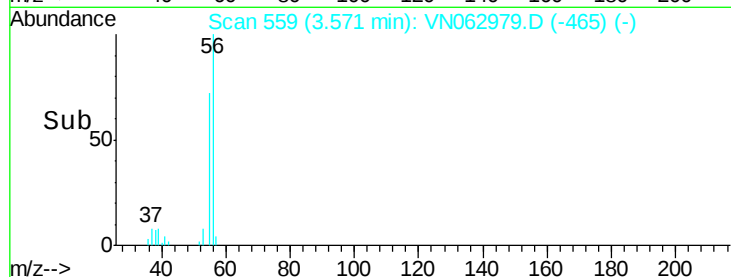
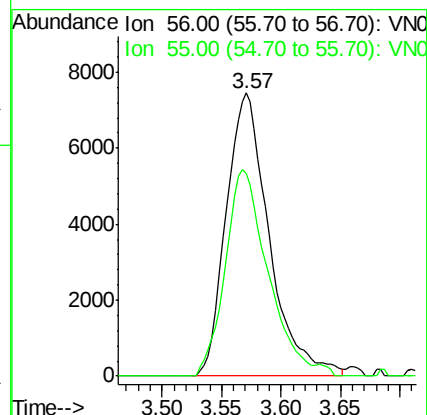
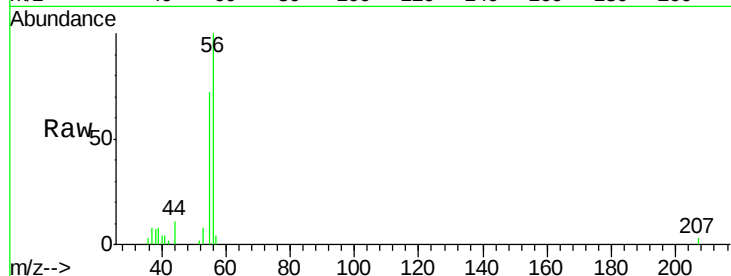
55 72.2 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 16.154 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

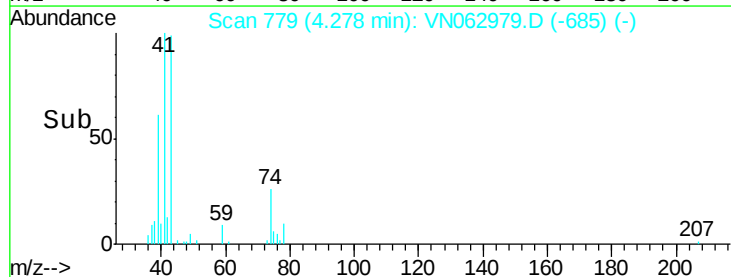
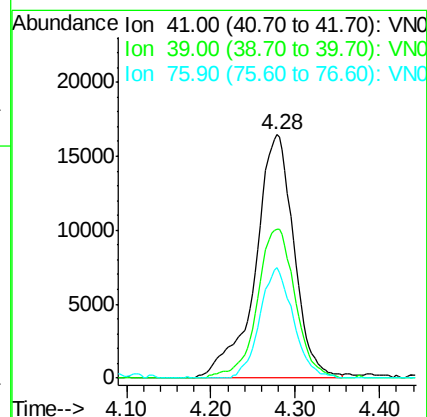
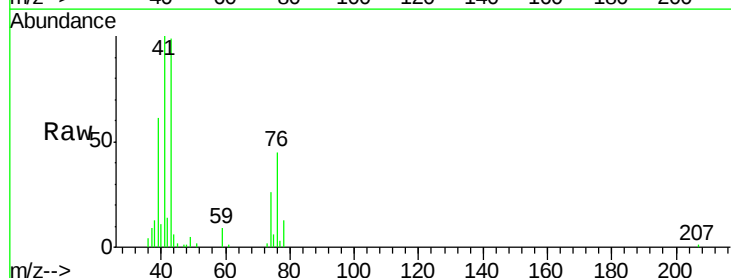
Tgt Ion: 41 Resp: 52428

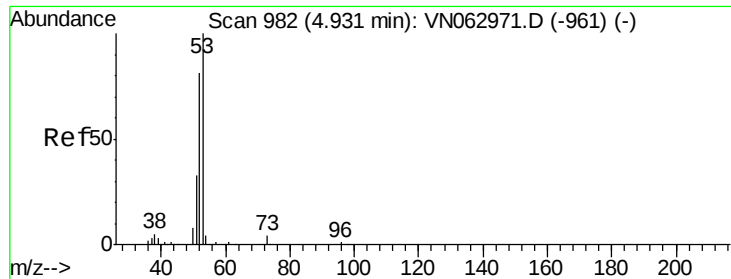
Ion Ratio Lower Upper

41 100

39 59.9 46.7 70.1

76 39.1 30.2 45.4





#15

Acrylonitrile

Concen: 89.038 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

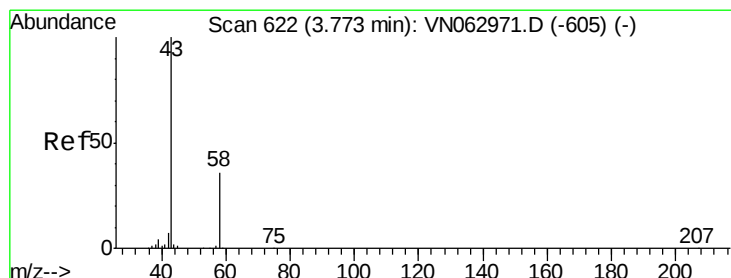
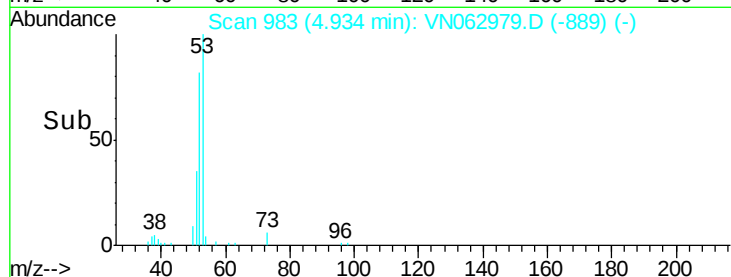
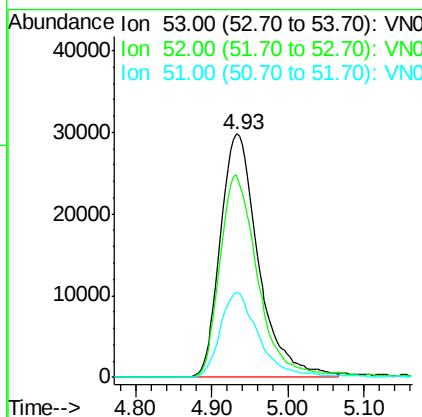
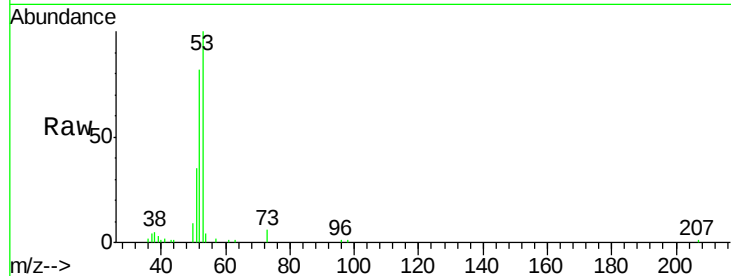
ClientSampleId :

VN0817WBS01

Tot Ion:	53	Resp:	104011
Ion Ratio		Lower	Upper
53	100		
52	81.5	65.0	97.6
51	35.0	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 118.683 ug/l

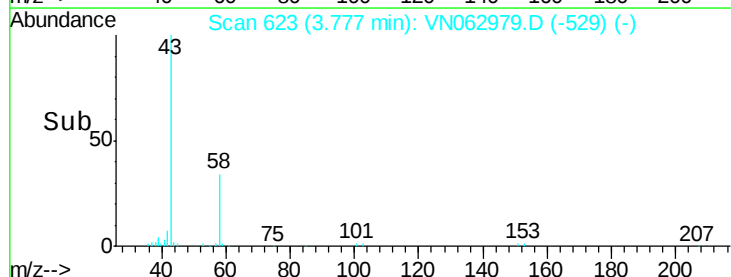
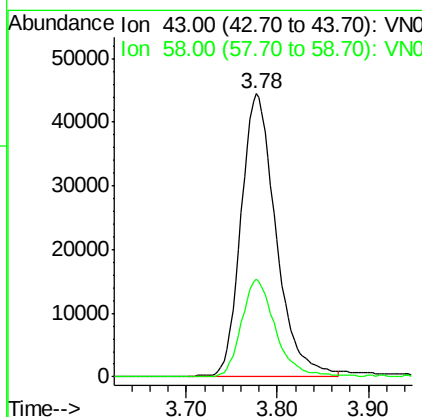
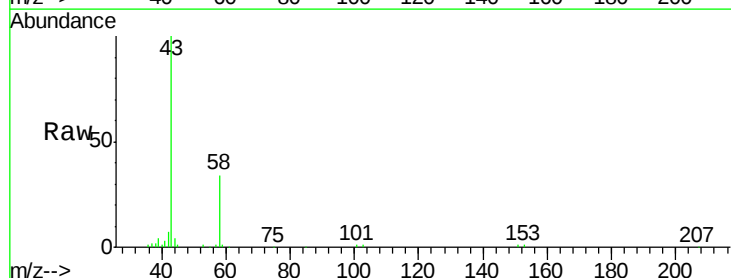
RT: 3.78 min Scan# 623

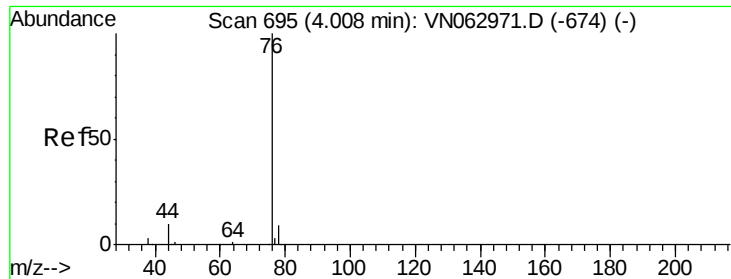
Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion:	43	Resp:	119117
Ion Ratio		Lower	Upper
43	100		
58	34.3	28.7	43.1





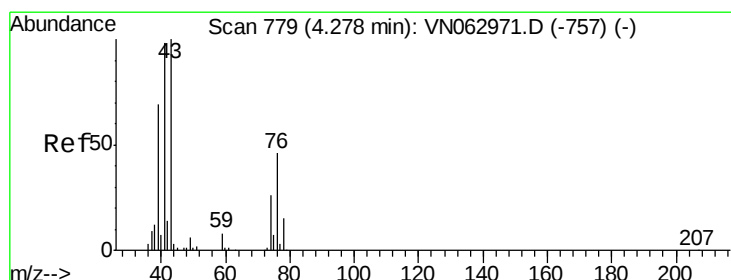
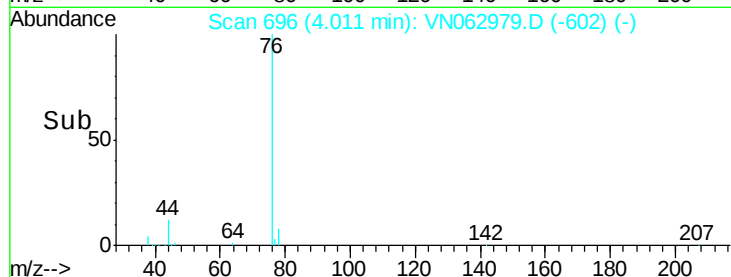
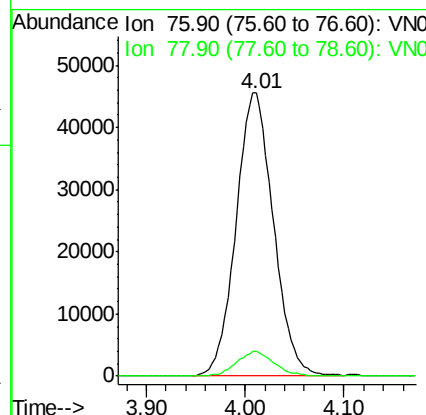
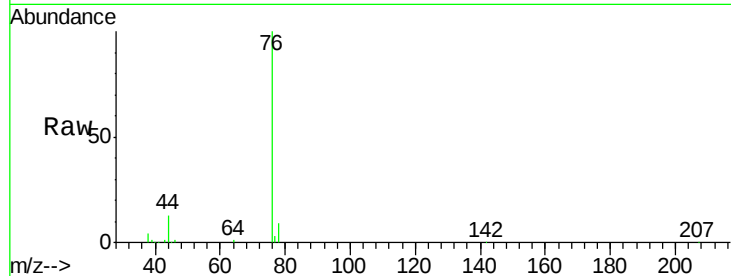
#17
Carbon Disulfide
Concen: 19.889 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

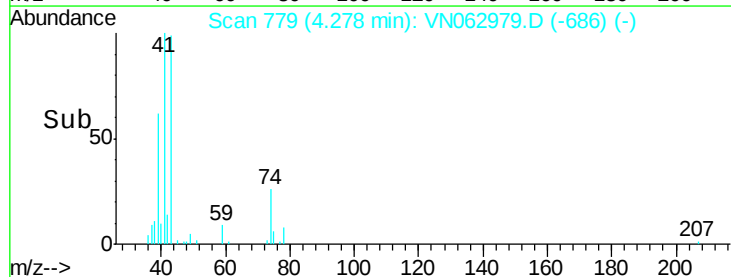
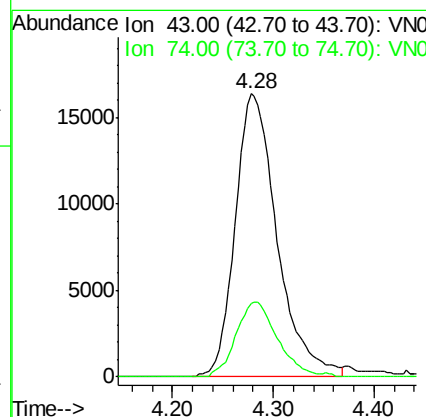
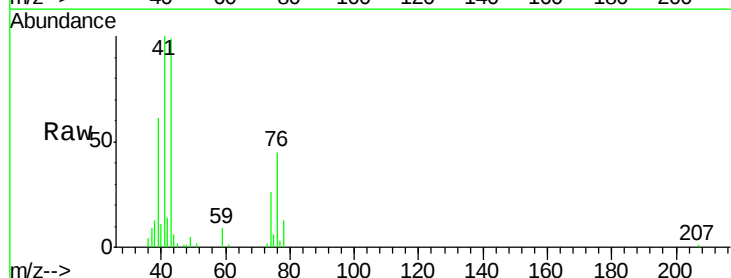
Manual Integrations
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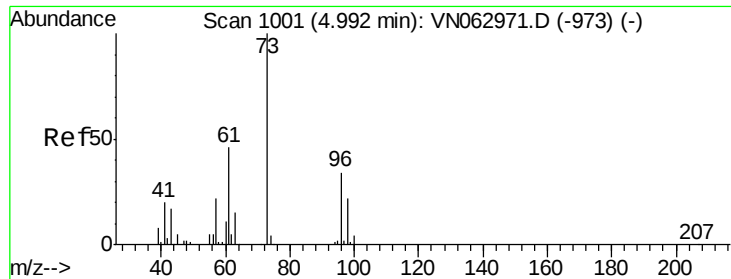
MMDadoda
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#18
Methyl Acetate
Concen: 21.767 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	21.6	32.4





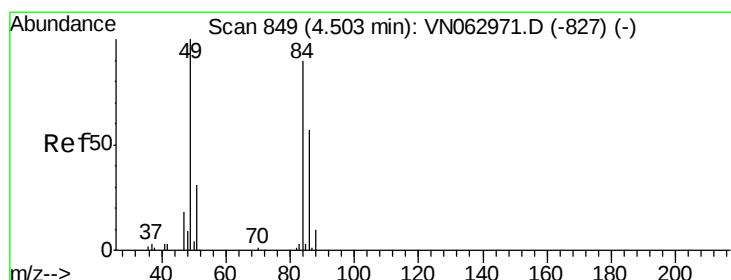
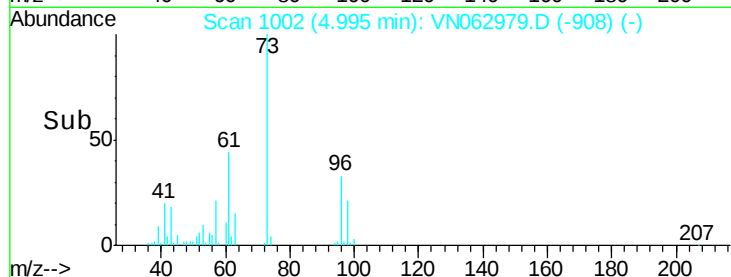
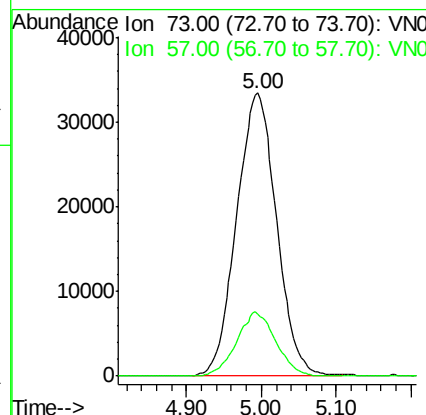
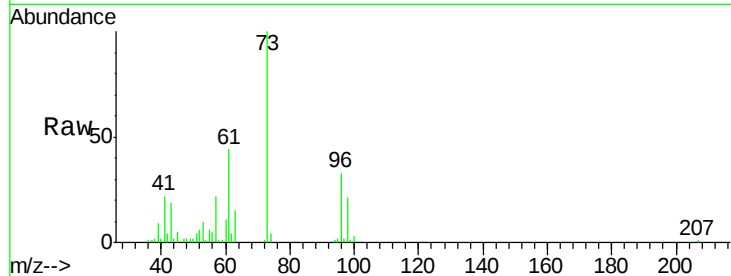
#19
Methvl tert-butvl Ether
Concen: 18.081 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion: 73 Resp: 124148
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

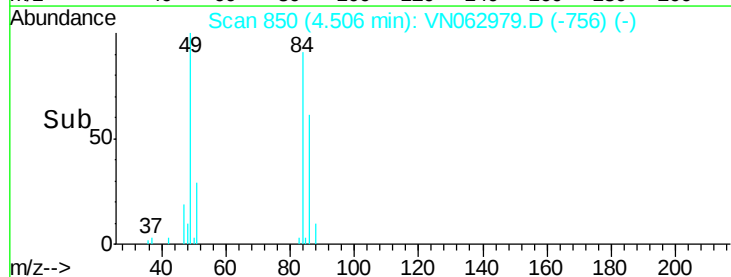
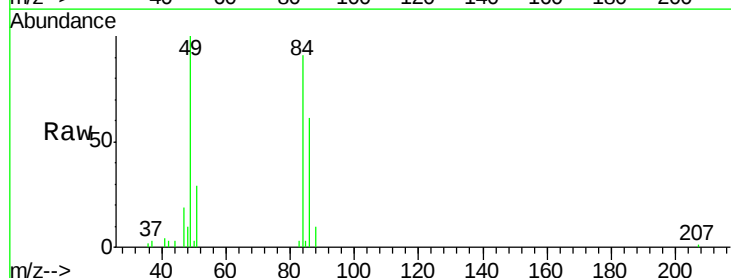
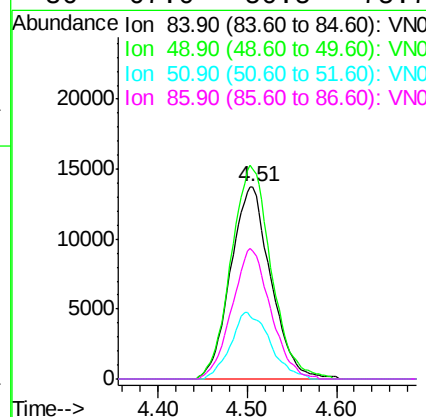
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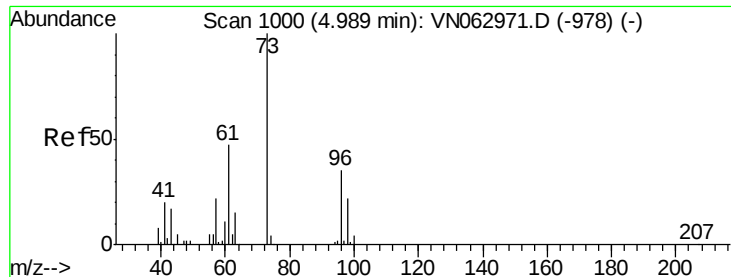
MMDadoda
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#20
Methylene Chloride
Concen: 18.119 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 84 Resp: 42992
Ion Ratio Lower Upper
84 100
49 109.7 88.8 133.2
51 31.5 27.1 40.7
86 67.0 50.5 75.7





#21

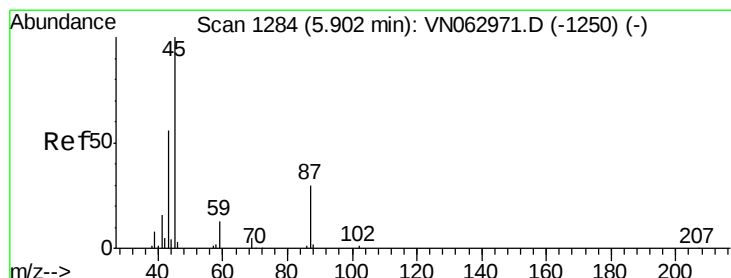
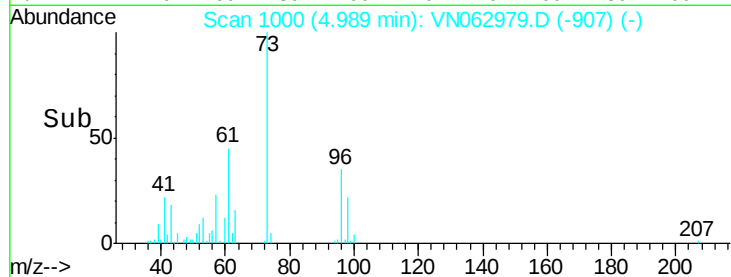
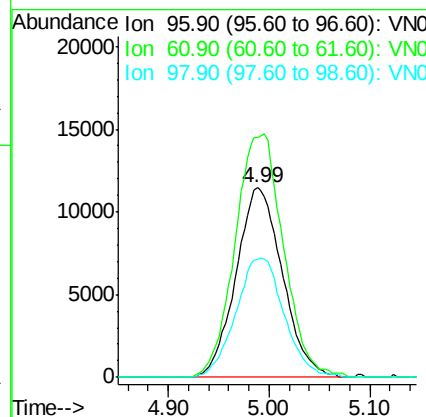
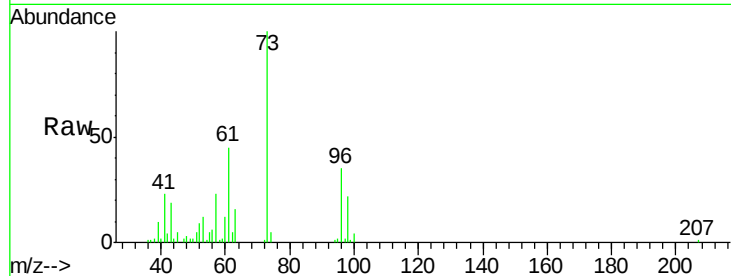
trans-1,2-Dichloroethene
Concen: 16.627 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	107.7	161.5
98	62.4	51.0	76.4

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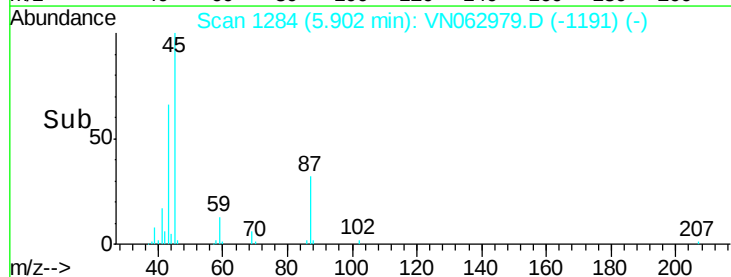
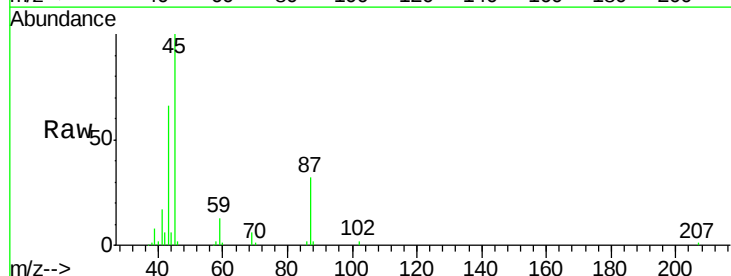
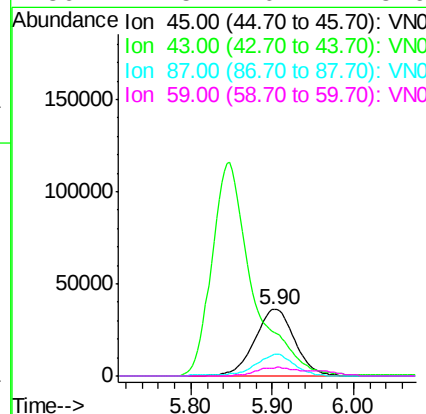
MMDadoda
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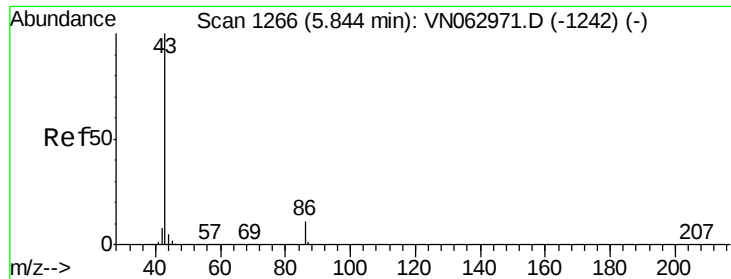


#22

Diisopropyl ether
Concen: 17.581 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.6	47.1	70.7
87	32.1	24.3	36.5
59	12.5	10.4	15.6





#23

Vinyl Acetate

Concen: 81.693 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 43 Resp: 403832

Ion Ratio Lower Upper

43 100

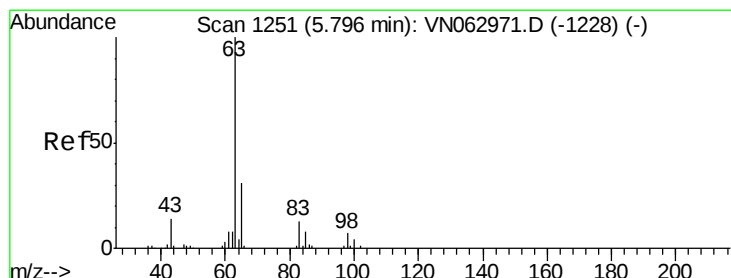
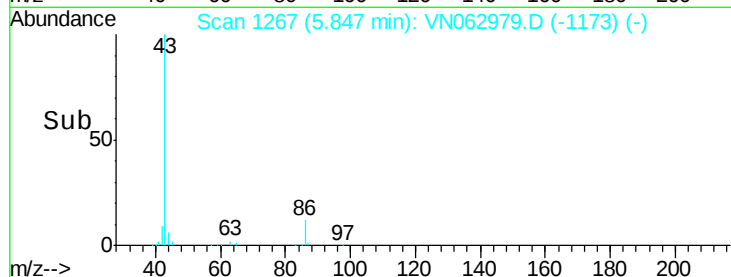
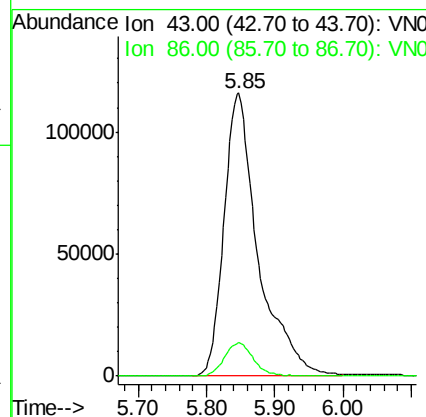
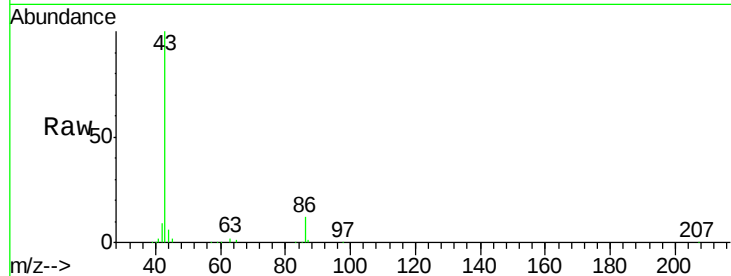
86 11.8 9.1 13.7

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#24

1,1-Dichloroethane

Concen: 17.333 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

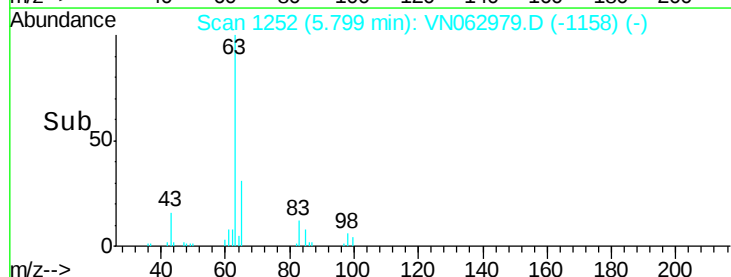
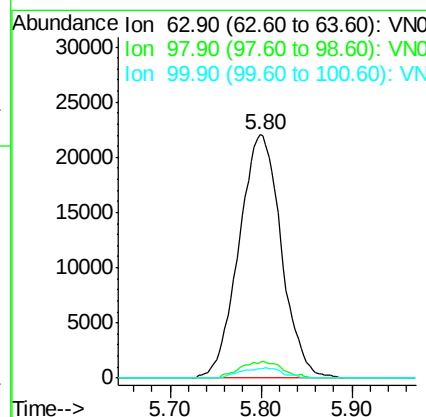
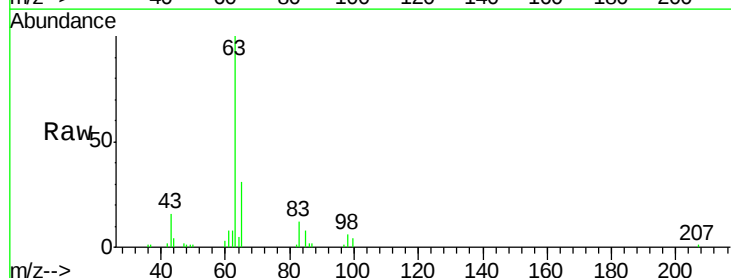
Tgt Ion: 63 Resp: 71071

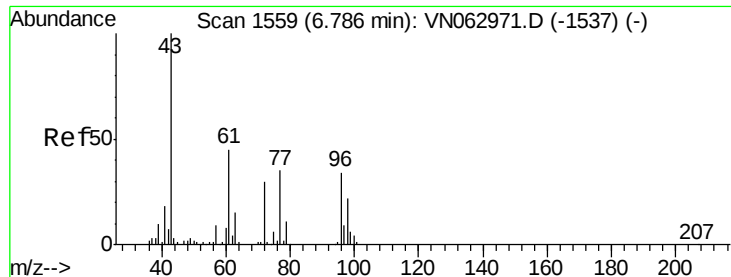
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 86.330 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 43 Resp: 124877

Ion Ratio Lower Upper

43 100

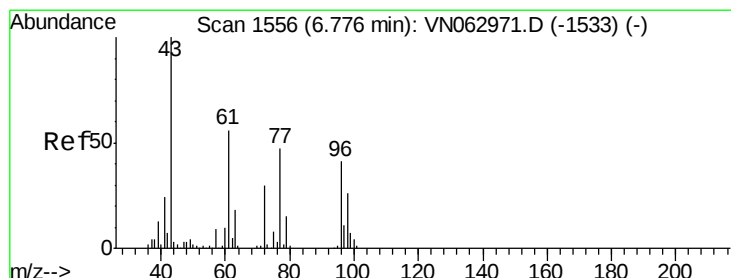
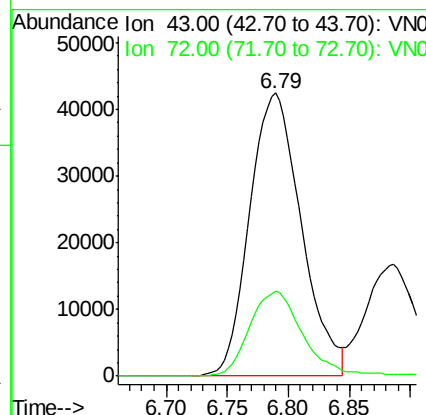
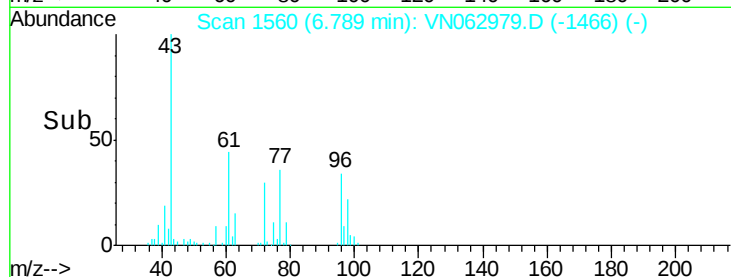
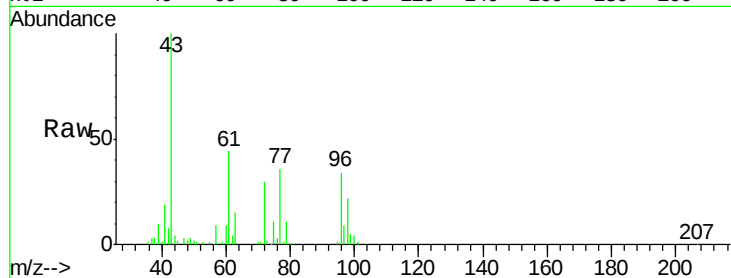
72 29.9 23.9 35.9

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 17.108 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062979.D

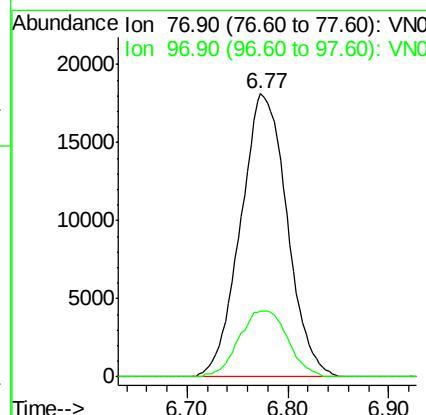
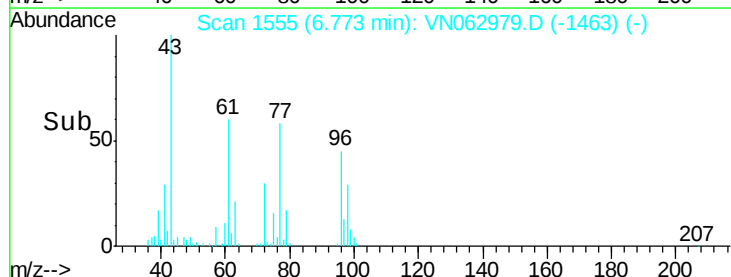
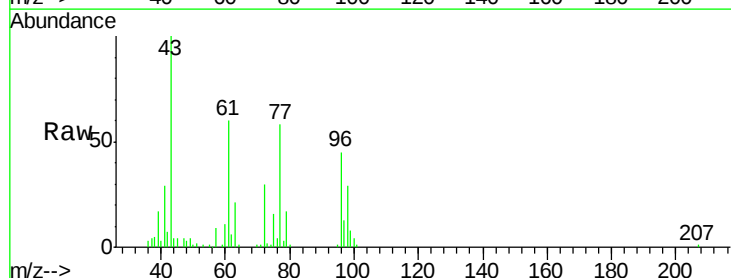
Acq: 17 Aug 2020 19:32

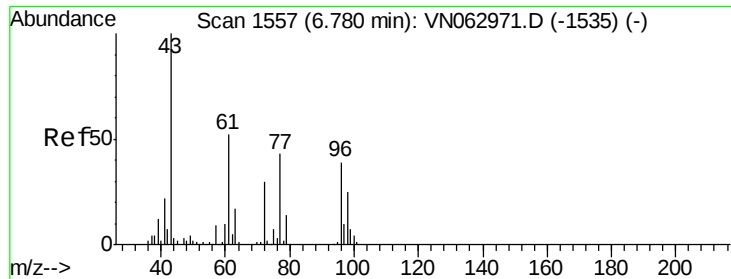
Tgt Ion: 77 Resp: 57984

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 17.579 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

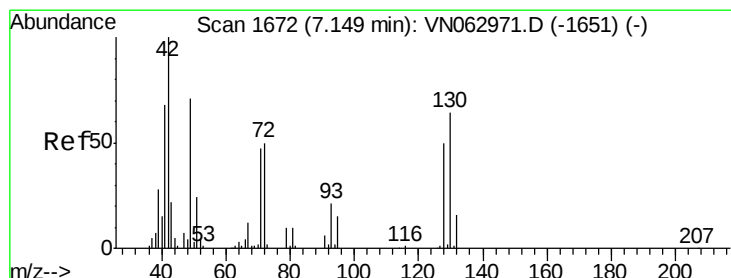
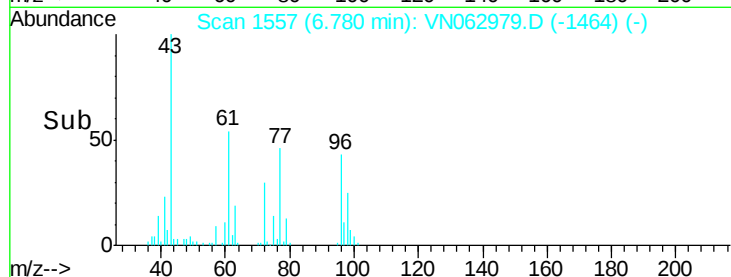
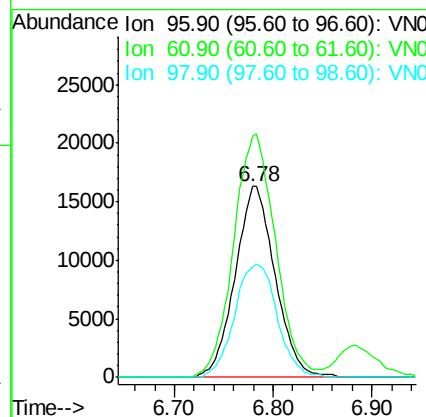
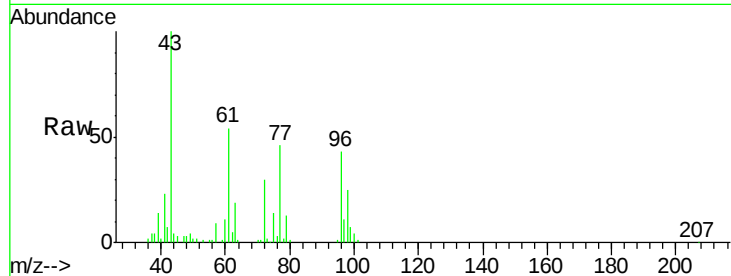
ClientSampleId :

VN0817WBS01

Tot Ion:	96	Resp:	45920
Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	270.4
98	63.0	0.0	128.2

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#28

Bromochloromethane

Concen: 16.162 ug/l

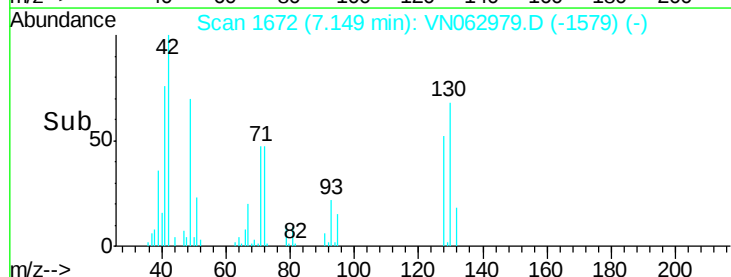
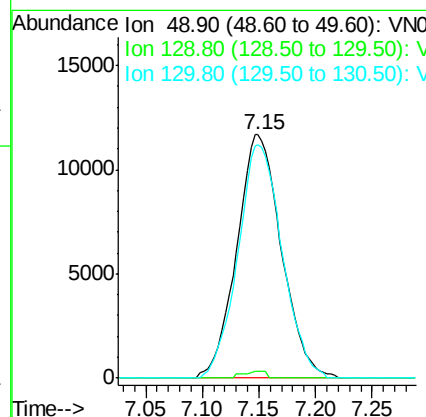
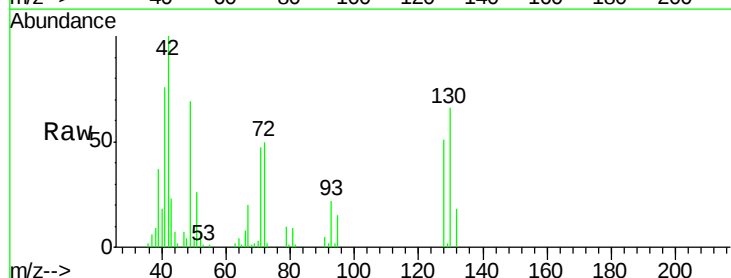
RT: 7.15 min Scan# 1672

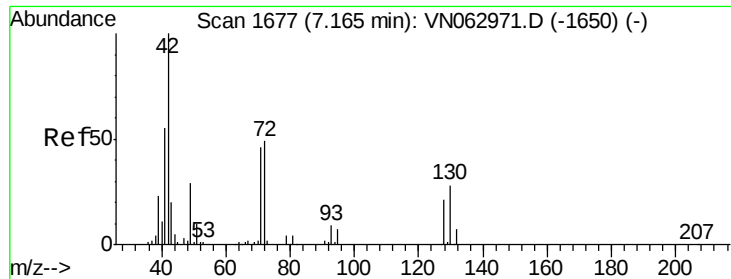
Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion:	49	Resp:	31948
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.2
130	95.4	73.5	110.3





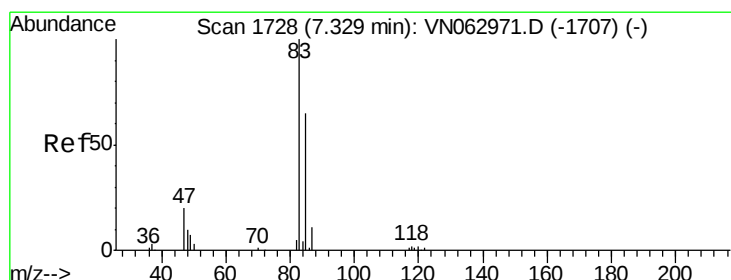
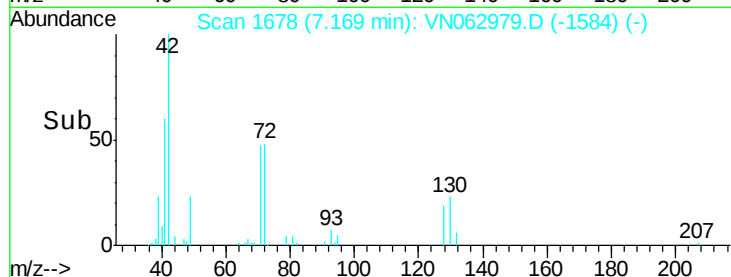
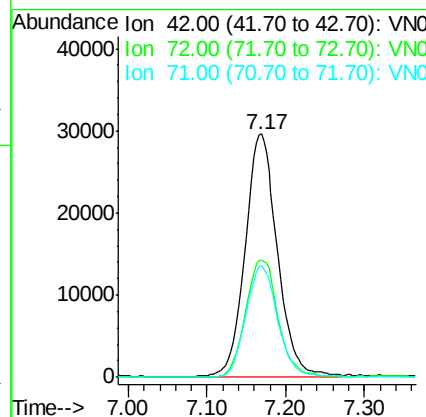
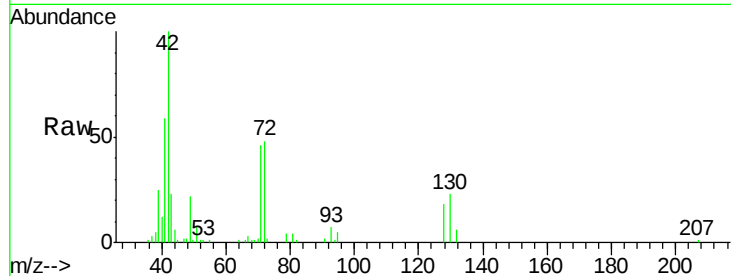
#29
Tetrahydrofuran
Concen: 109.386 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	39.4	59.2
71	45.3	37.2	55.8

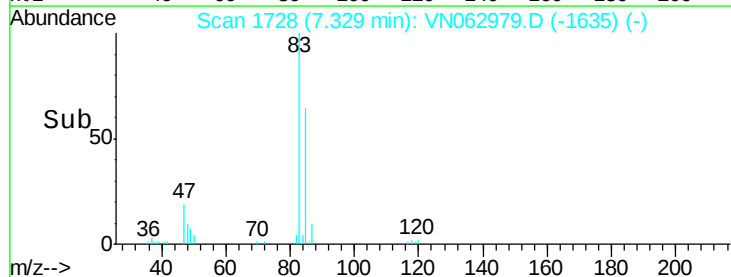
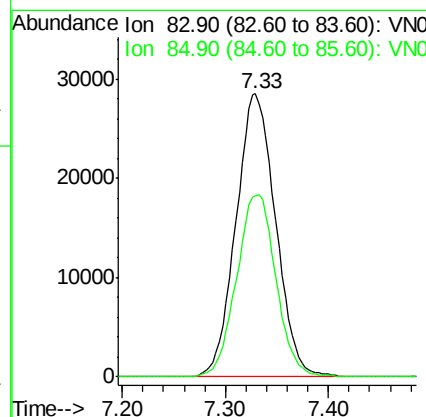
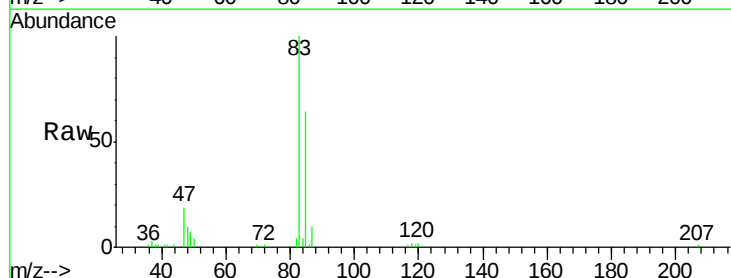
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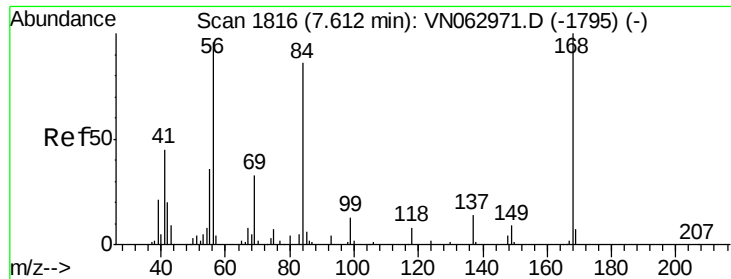
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#30
Chloroform
Concen: 17.837 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.2	78.4





#31

Cyclohexane

Concen: 17.182 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

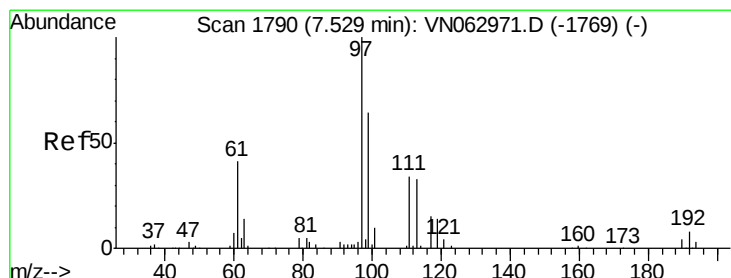
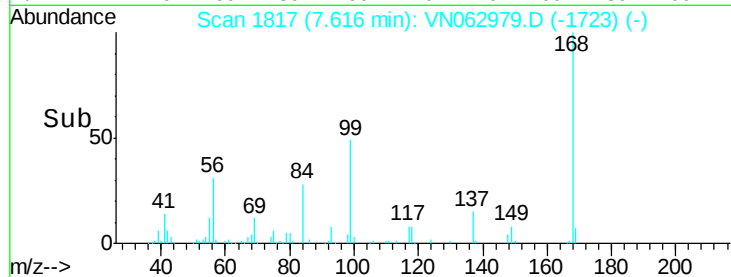
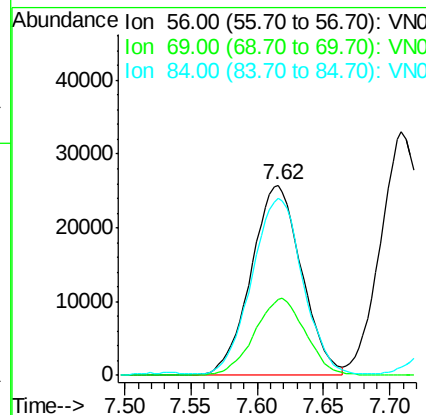
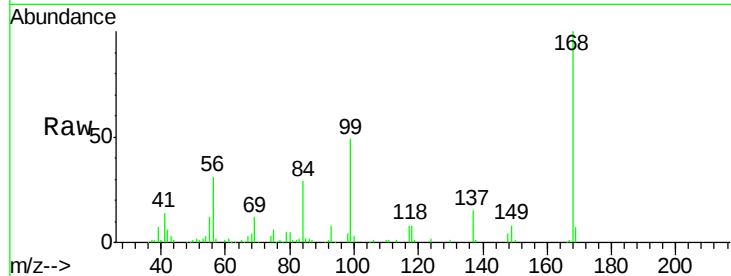
ClientSampleId :

VN0817WBS01

Tot Ion:	56	Resp:	68700
Ion	Ratio	Lower	Upper
56	100		
69	40.2	27.4	41.2
84	92.4	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 17.948 ug/l

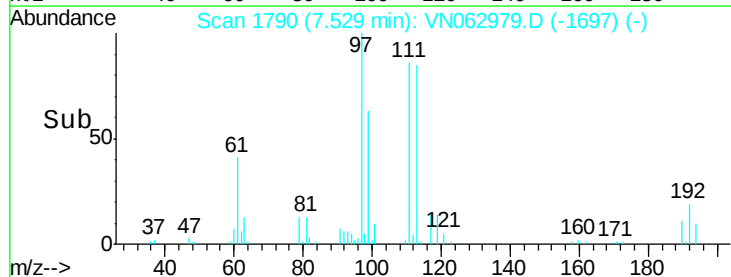
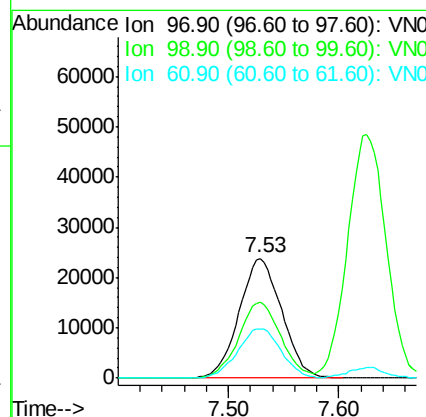
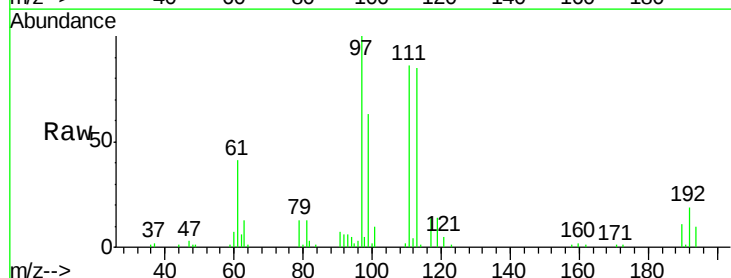
RT: 7.53 min Scan# 1790

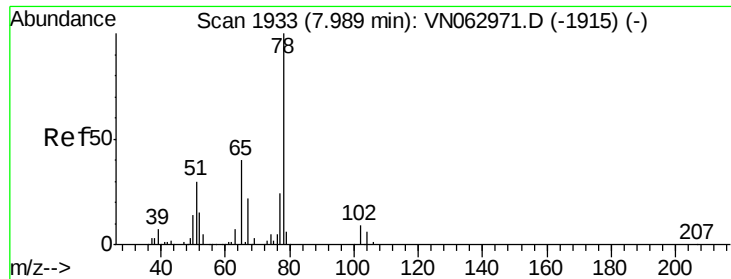
Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion:	97	Resp:	63700
Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.2	78.4
61	42.0	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 47.998 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 65 Resp: 124417

Ion Ratio Lower Upper

65 100

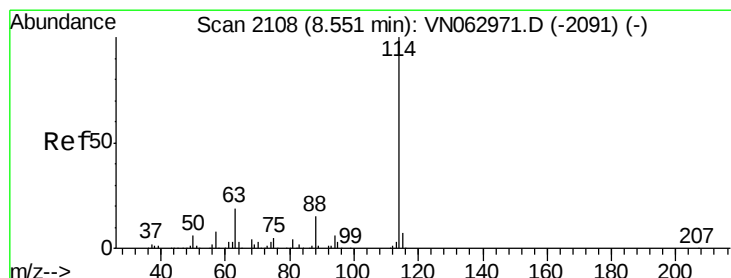
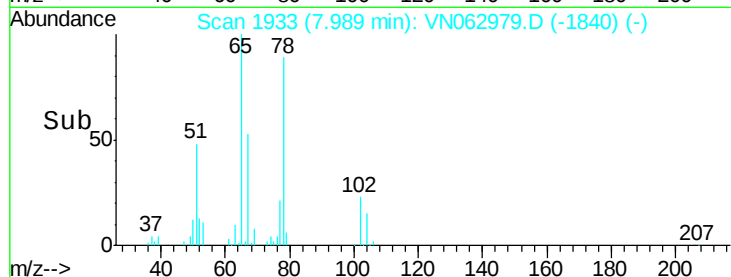
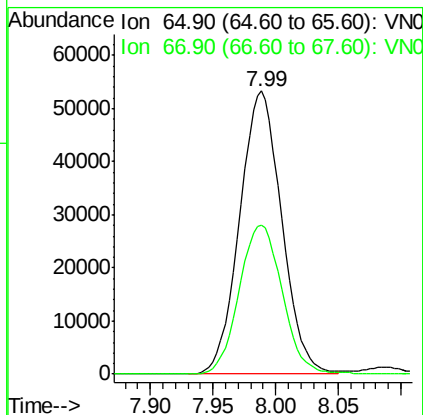
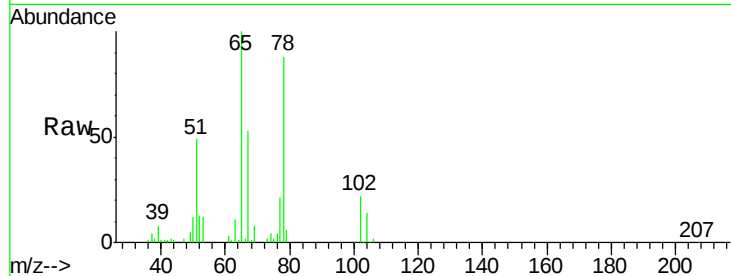
67 53.9 0.0 108.6

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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: VN062979.D

Acq: 17 Aug 2020 19:32

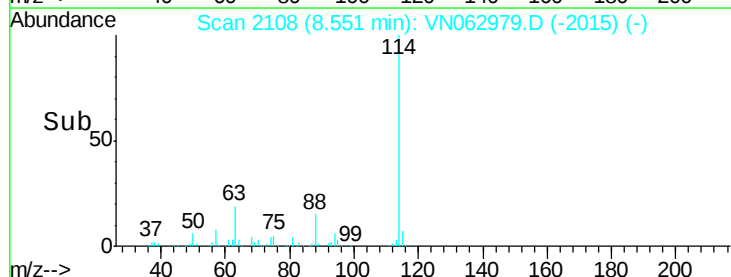
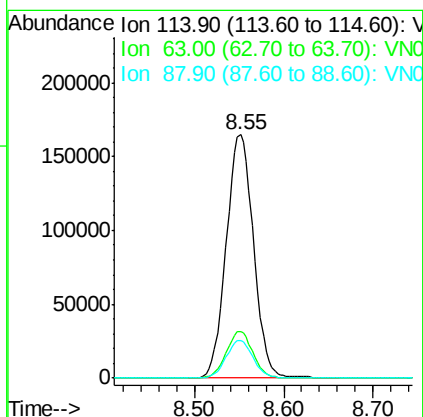
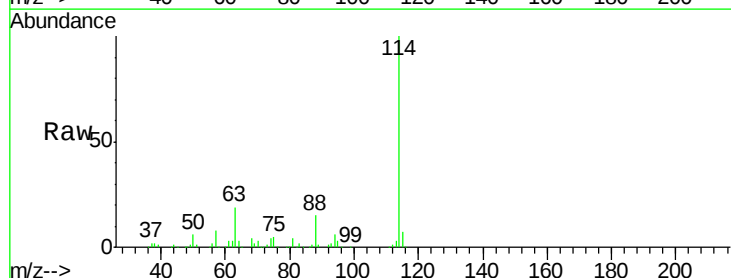
Tgt Ion: 114 Resp: 349282

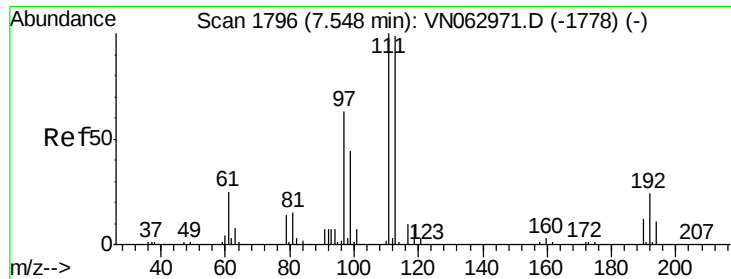
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 15.2 0.0 31.0





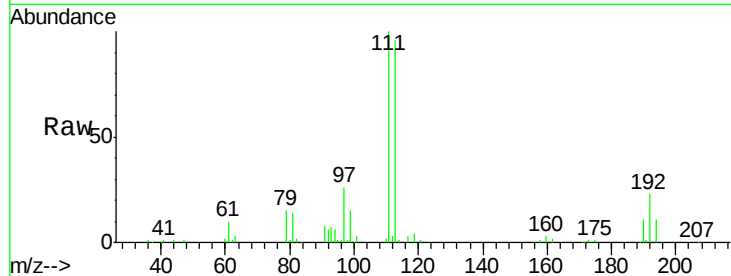
#35
 Dibromofluoromethane
 Concen: 48.814 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

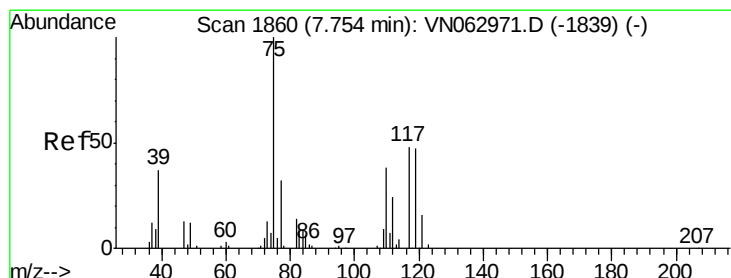
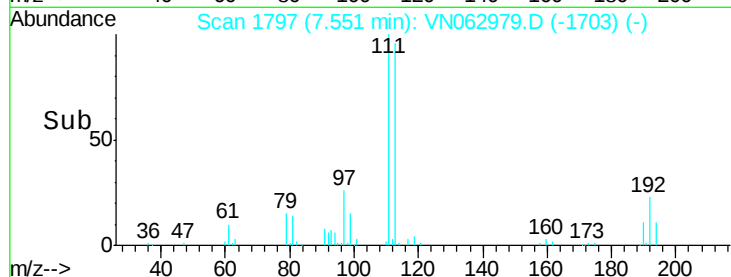
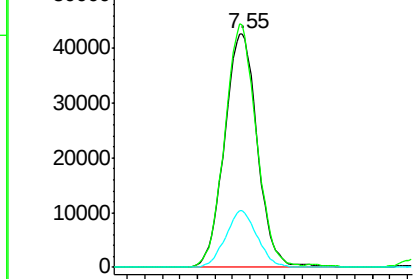
Tot Ion	Ratio	Resp	Lower	Upper
113	100	111052		
111	100.8	81.4	122.0	
192	23.2	19.2	28.8	

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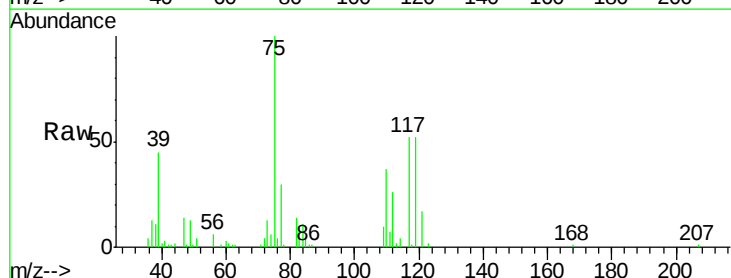


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

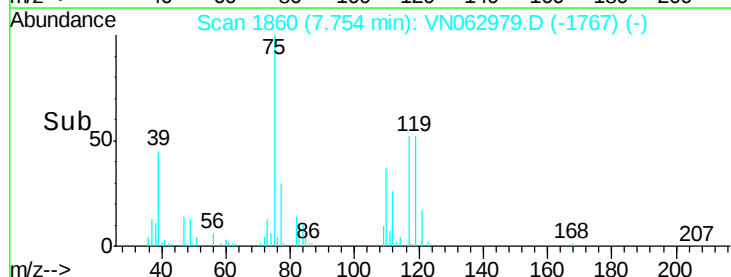
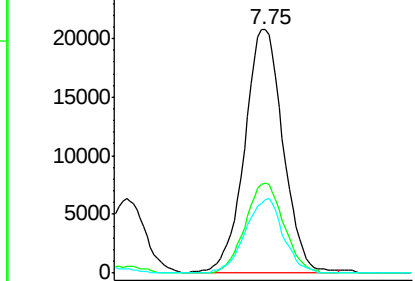


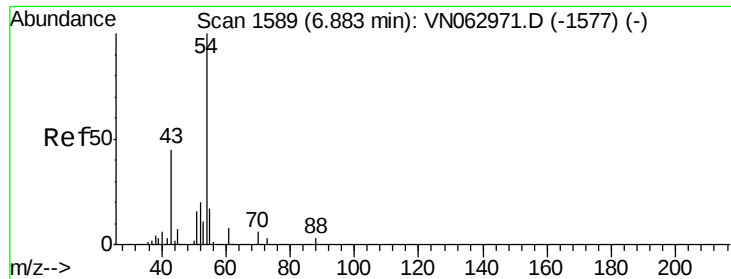
#36
 1,1-Dichloropropene
 Concen: 17.209 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51563		
110	36.8	18.7	56.1	
77	29.9	25.6	38.4	



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





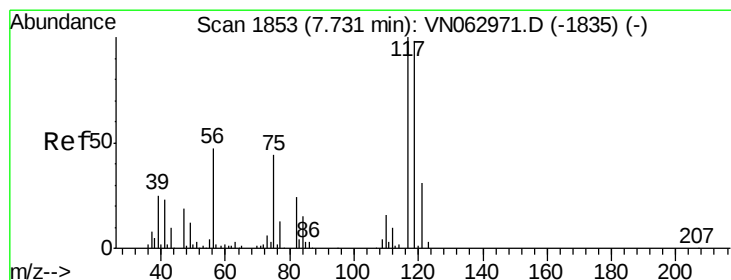
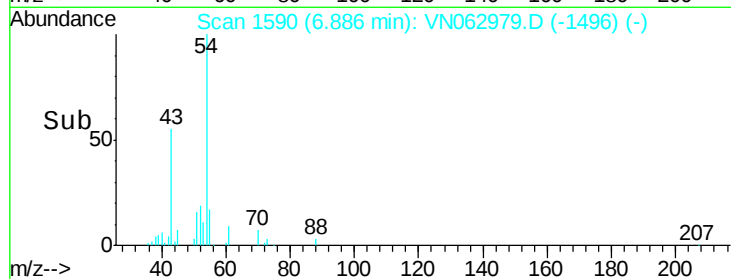
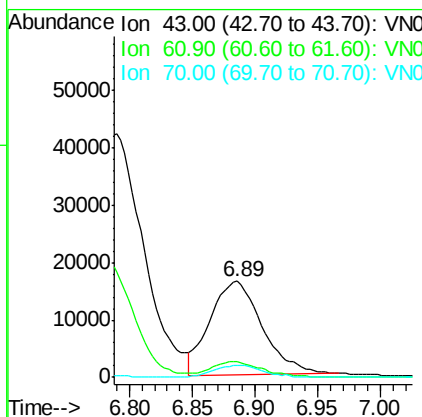
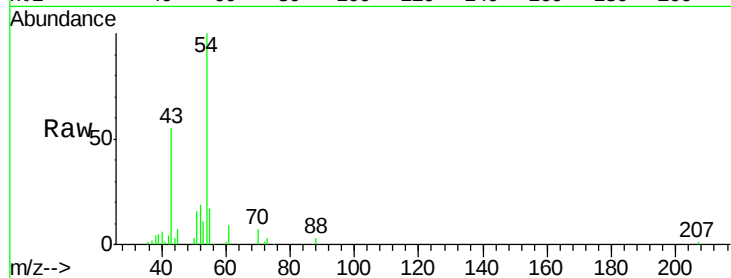
#37
Ethyl Acetate
Concen: 17.347 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampled :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.4	18.6
70	12.0	9.9	14.9

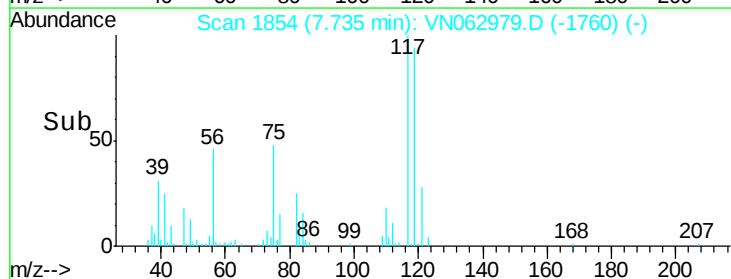
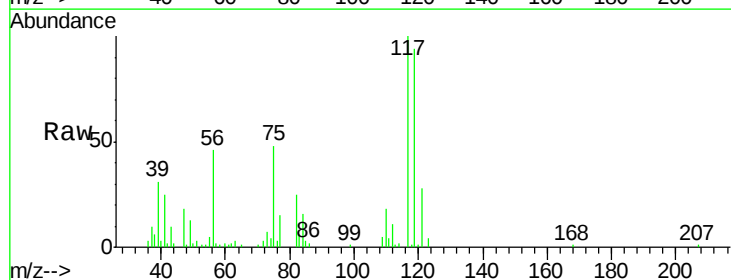
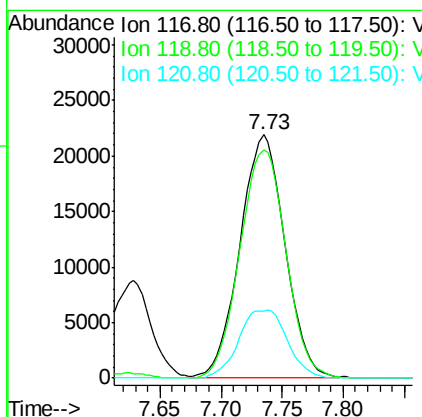
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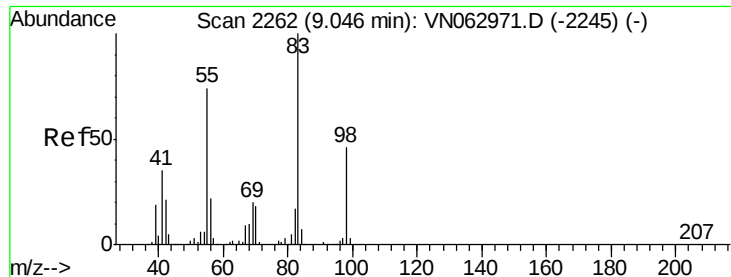
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#38
Carbon Tetrachloride
Concen: 17.706 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.9	116.9
121	27.7	24.8	37.2





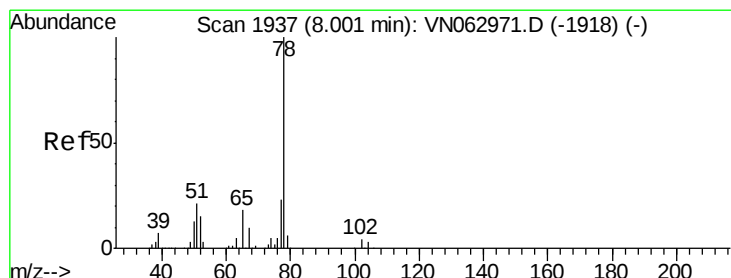
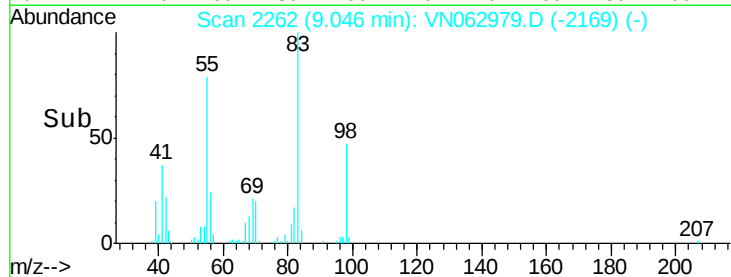
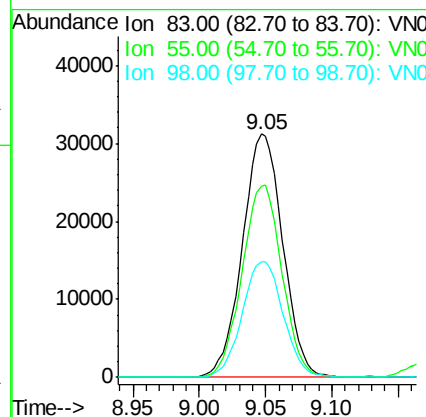
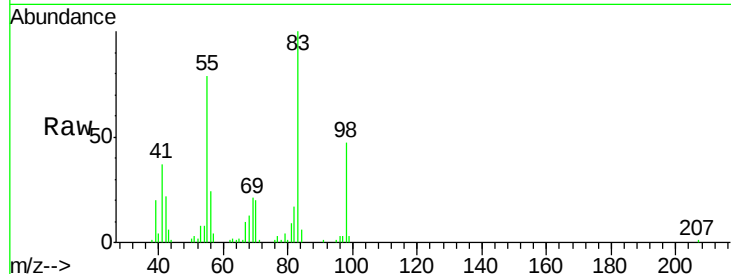
#39
Methvlcvclohexane
Concen: 16.678 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	59.0	88.6
98	47.3	36.8	55.2

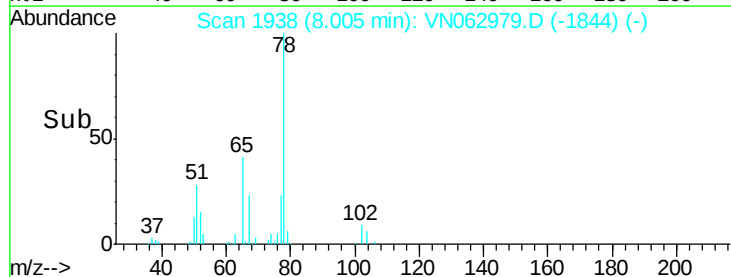
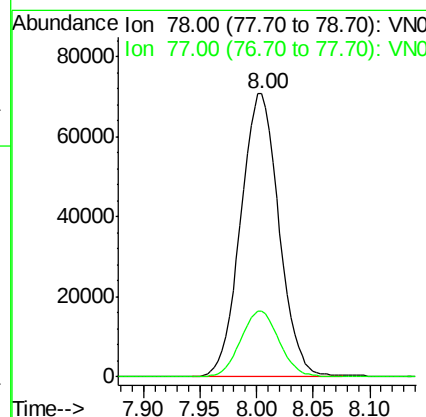
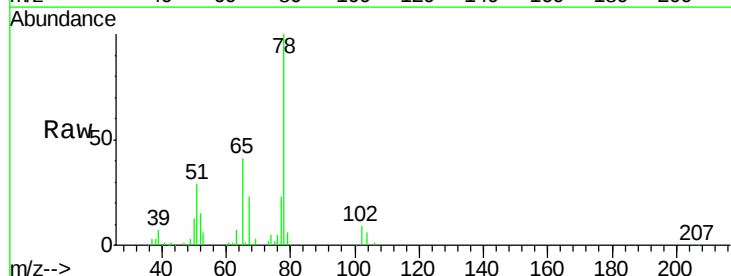
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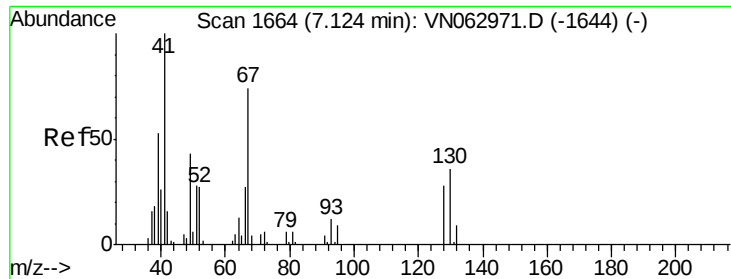
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#40
Benzene
Concen: 17.635 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





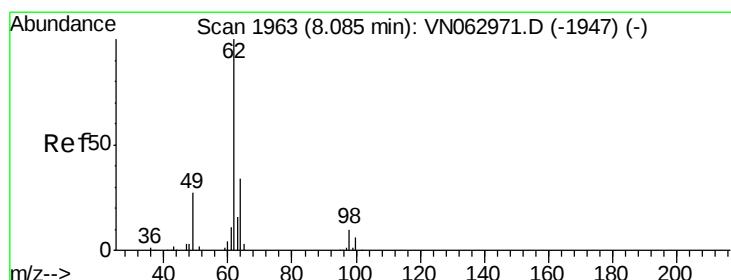
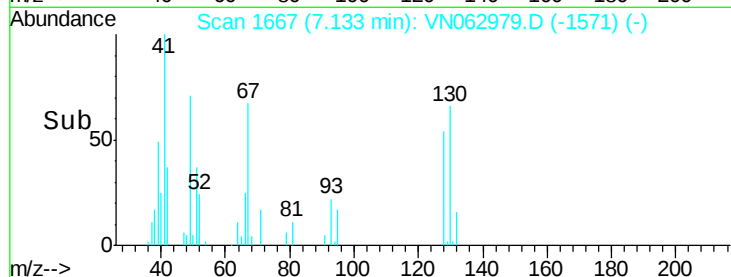
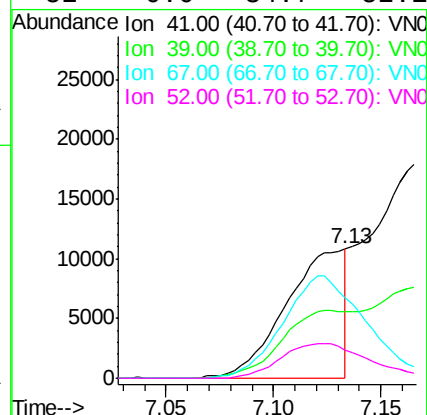
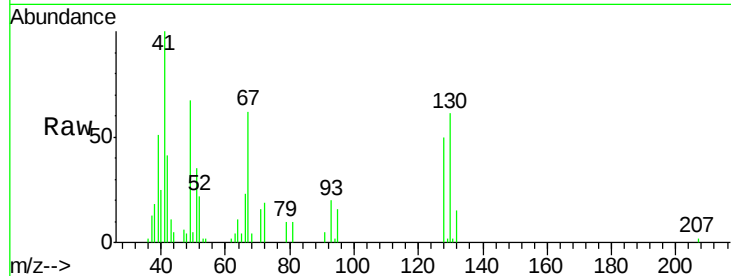
#41
Methacrylonitrile
Concen: 15.535 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	58.6	88.0#
67	0.0	90.1	135.1#
52	0.0	34.7	52.1#

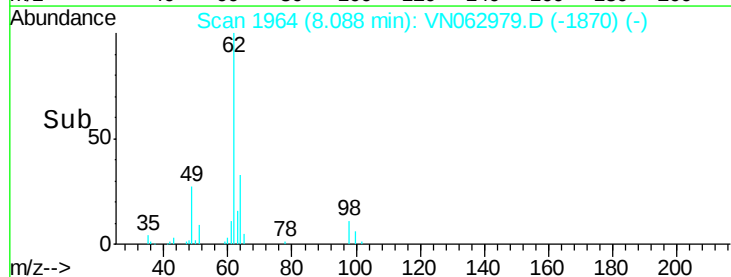
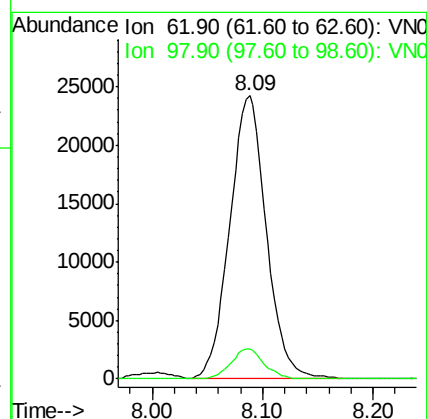
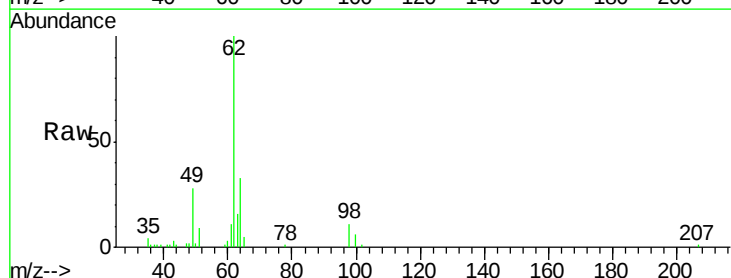
Manual Integrations
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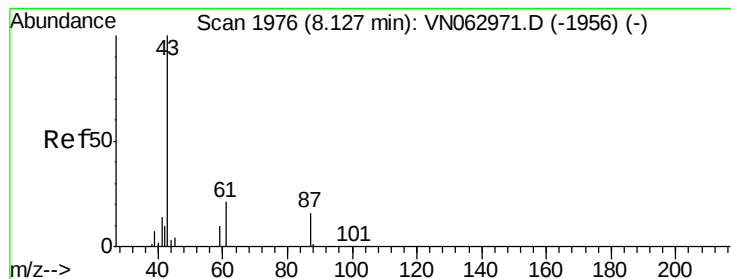
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#42
1,2-Dichloroethane
Concen: 17.908 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 18.161 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

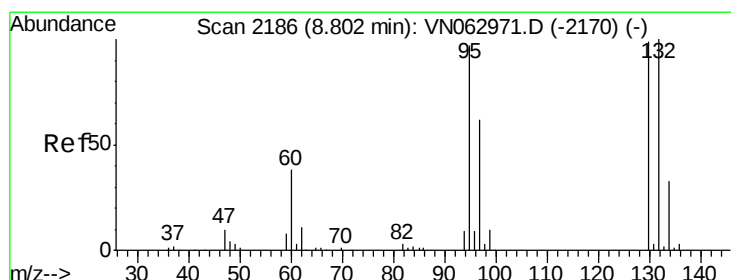
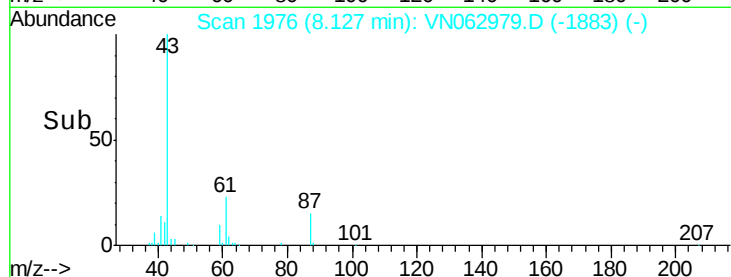
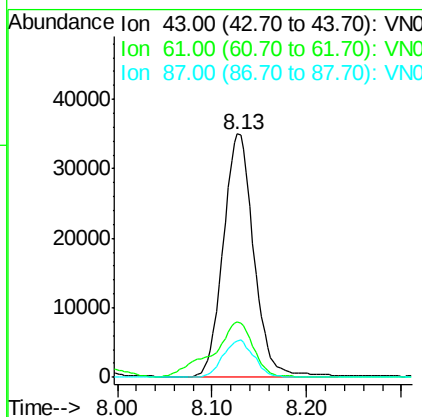
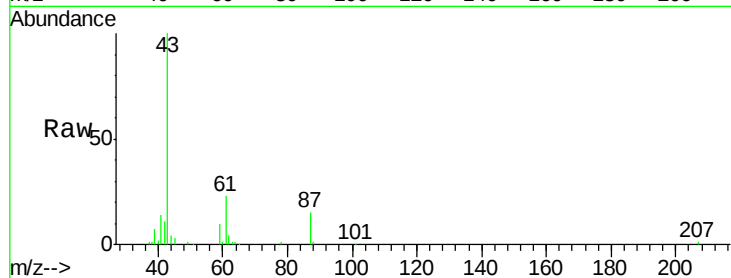
ClientSampleId :

VN0817WBS01

Tot Ion:	43	Resp:	78978
Ion Ratio	Lower	Upper	
43	100		
61	30.2	24.6	36.8
87	15.2	12.4	18.6

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#44

Trichloroethene

Concen: 17.885 ug/l

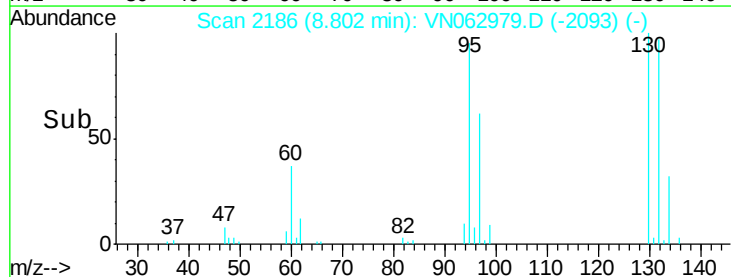
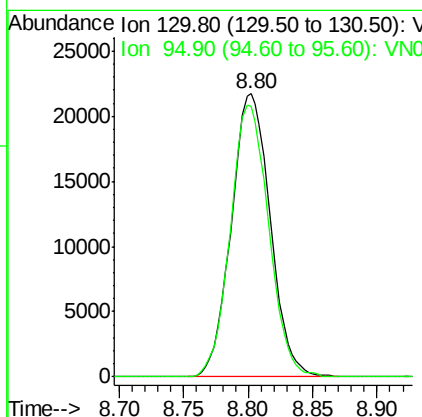
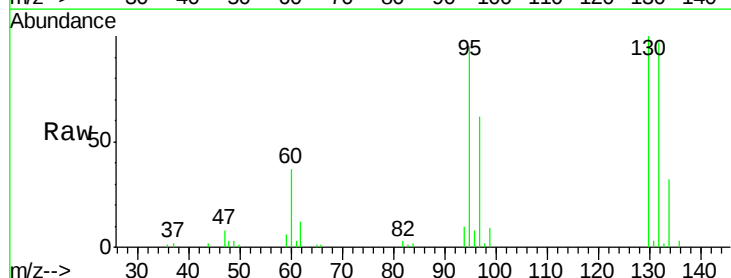
RT: 8.80 min Scan# 2186

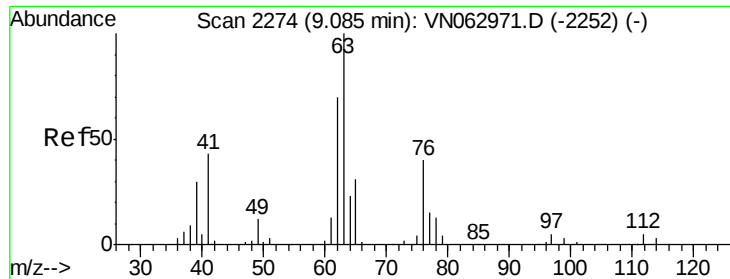
Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion:	130	Resp:	45699
Ion Ratio	Lower	Upper	
130	100		
95	95.5	0.0	194.2





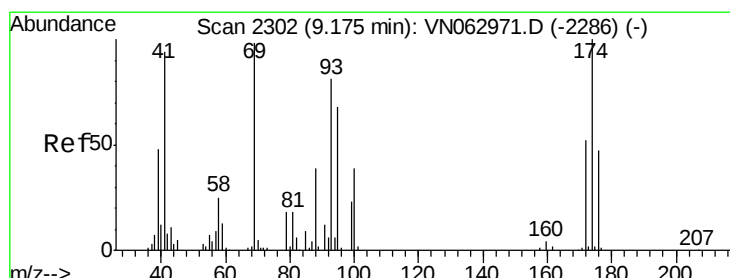
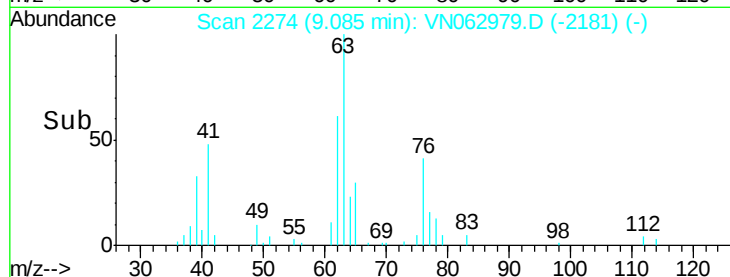
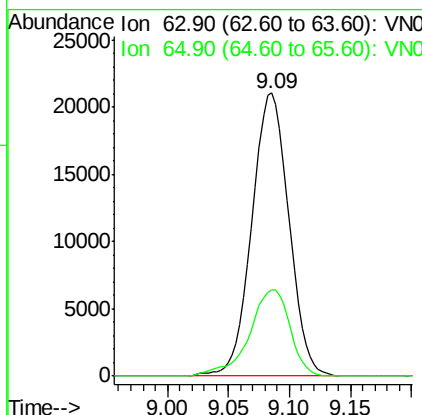
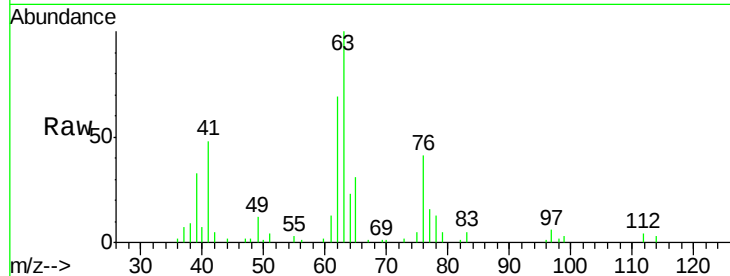
#45
 1,2-Dichloropropane
 Concen: 16.760 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion: 63 Resp: 44258
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

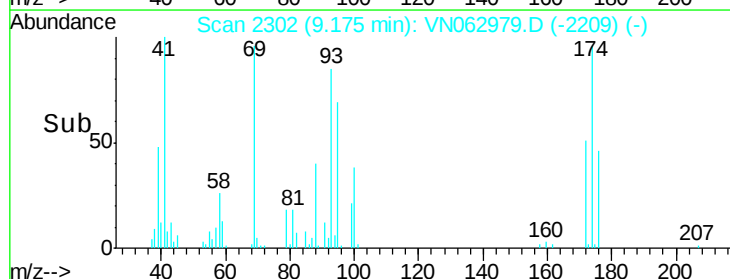
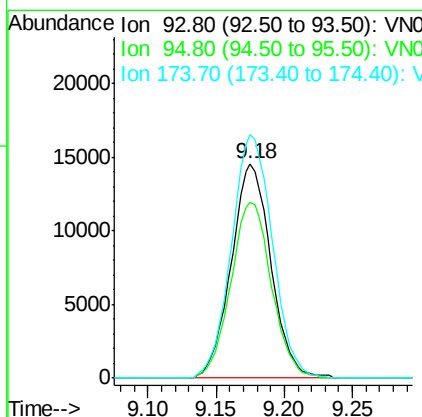
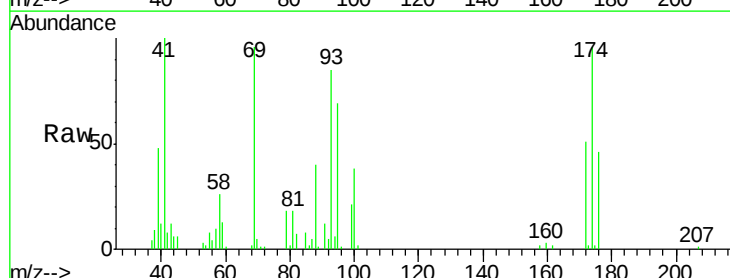
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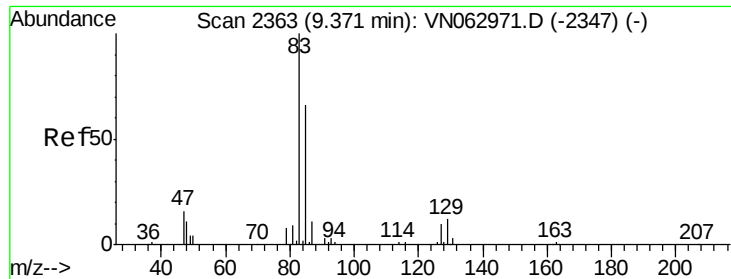
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#46
 Dibromomethane
 Concen: 17.906 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 93 Resp: 29439
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 99.8
 174 117.4 96.6 145.0





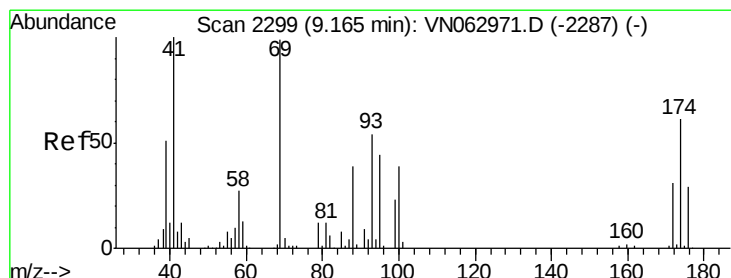
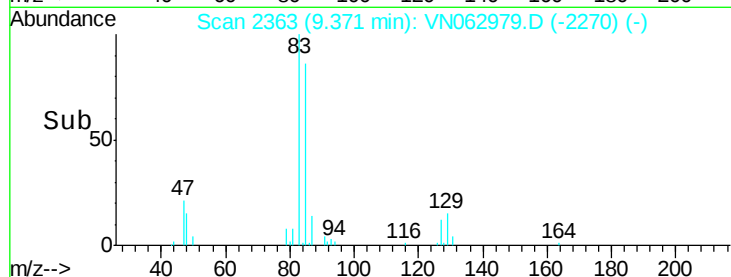
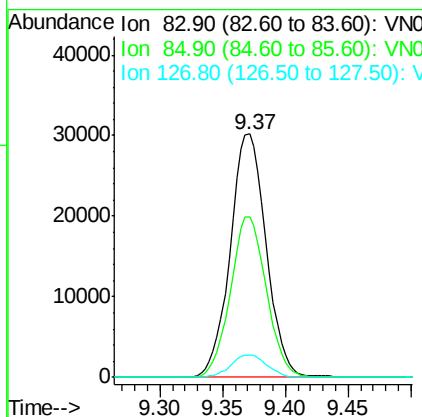
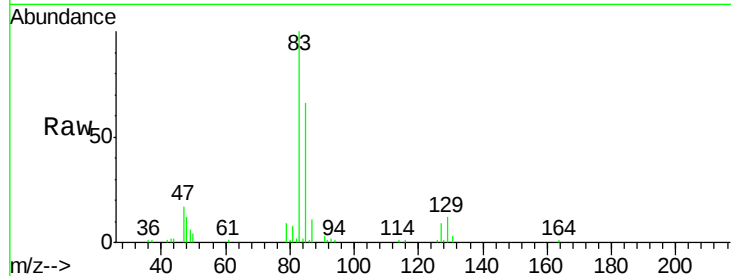
#47
Bromodichloromethane
Concen: 18.035 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.4	78.6
127	9.2	7.8	11.6

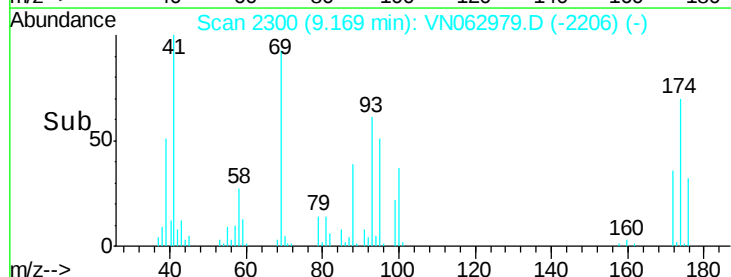
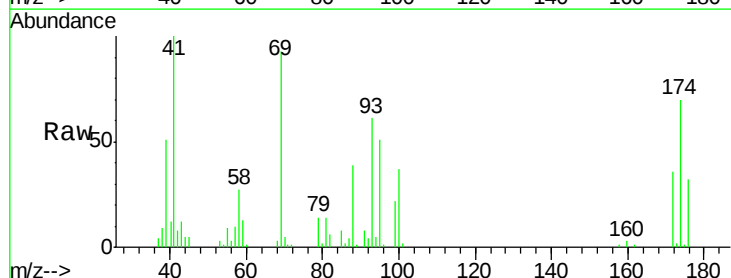
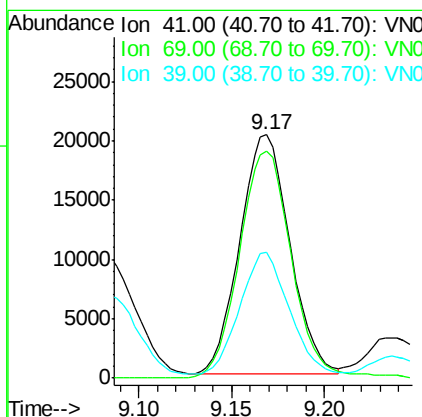
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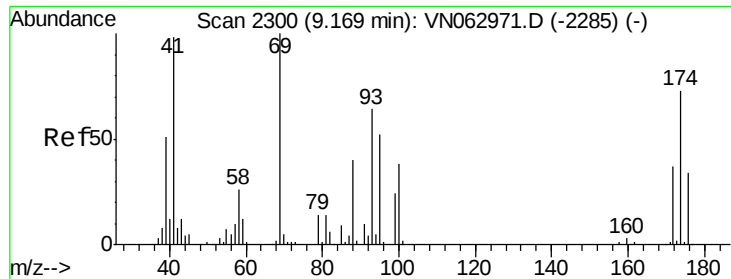
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#48
Methyl methacrylate
Concen: 17.833 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	99.0	81.1	121.7
39	50.3	42.4	63.6





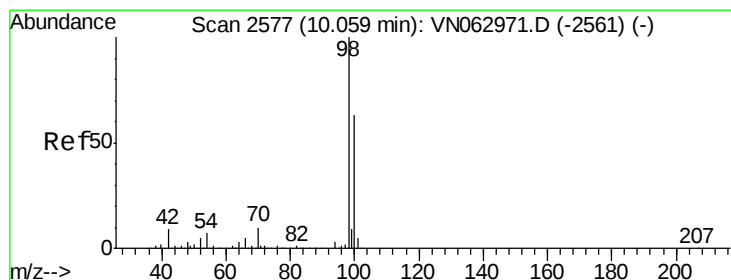
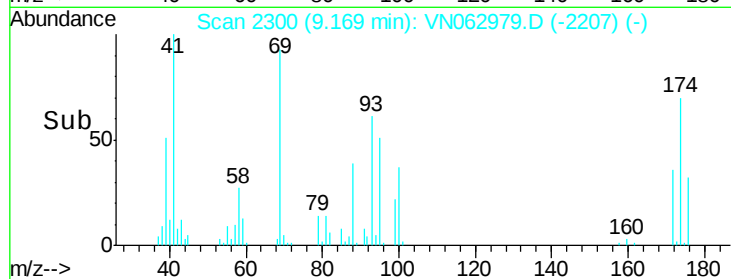
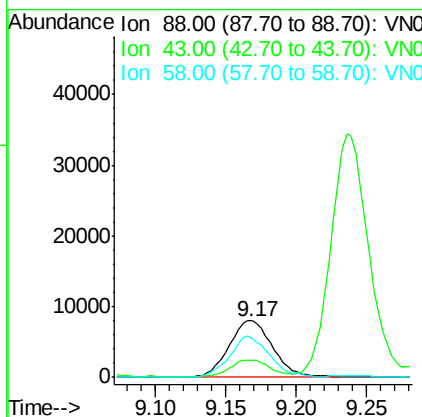
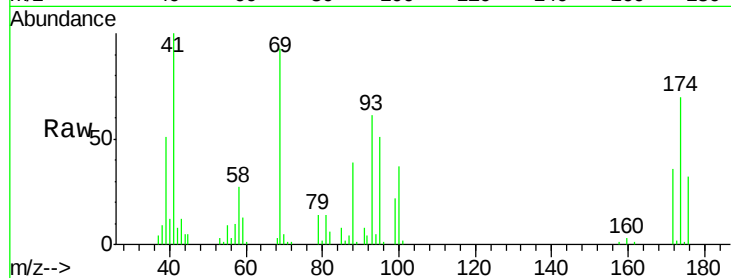
#49
 1,4-Dioxane
 Concen: 385.544 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	23.1	34.7
58	66.5	53.1	79.7

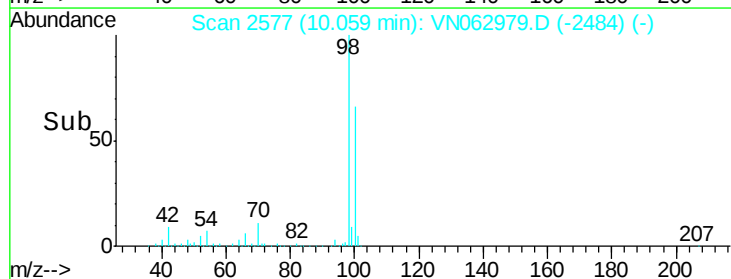
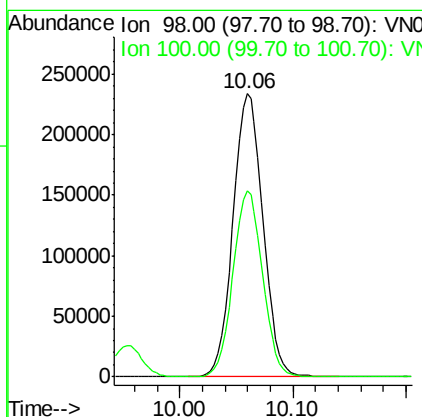
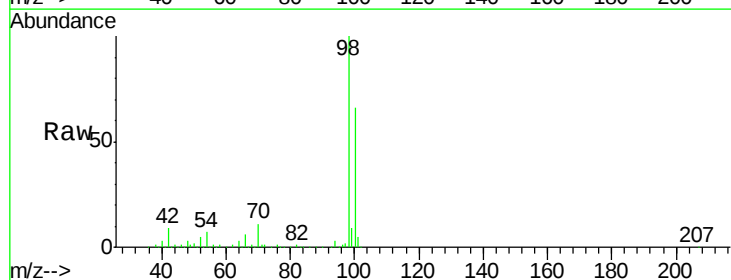
Manual Integrations
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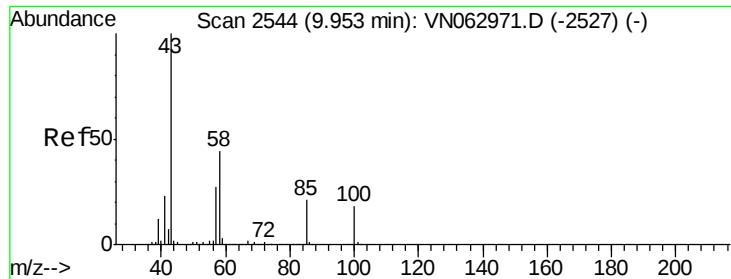
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#50
 Toluene-d8
 Concen: 48.803 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 91.485 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 43 Resp: 266193

Ion Ratio Lower Upper

43 100

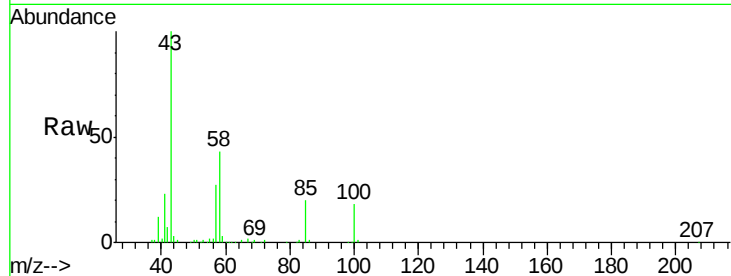
58 42.6 34.3 51.5

Manual Integrations

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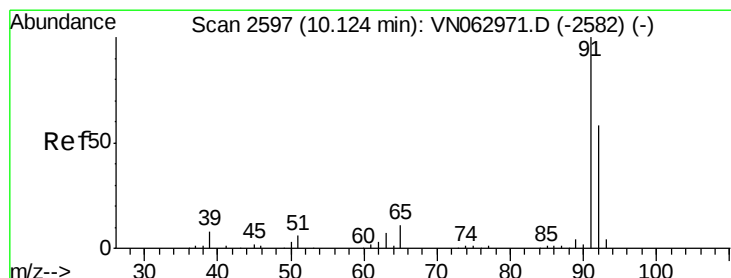
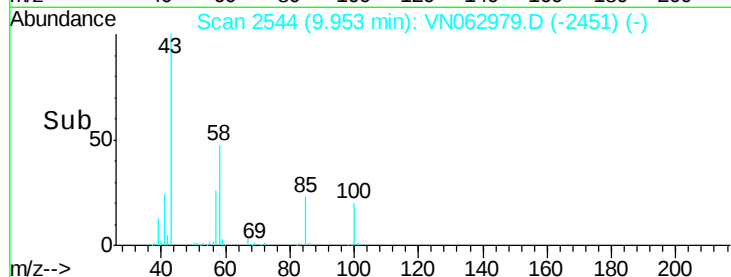
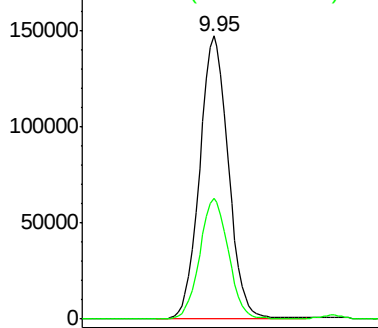
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.996 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062979.D

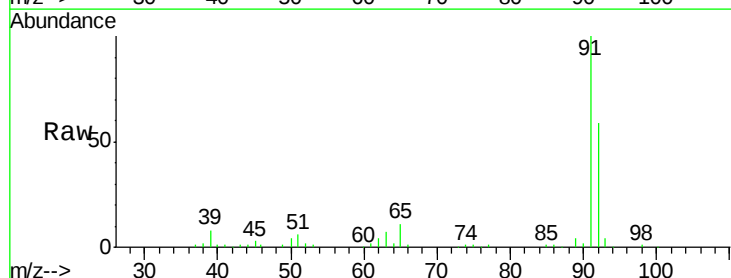
Acq: 17 Aug 2020 19:32

Tgt Ion: 92 Resp: 107749

Ion Ratio Lower Upper

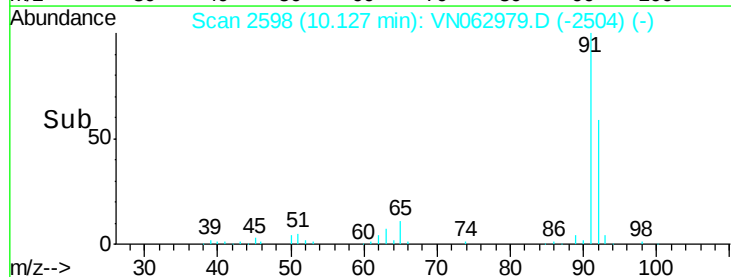
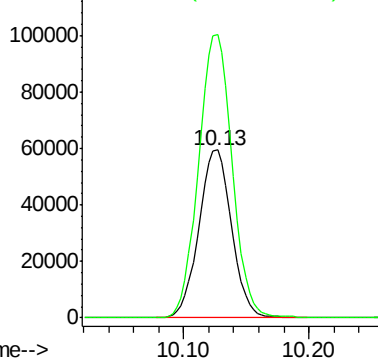
92 100

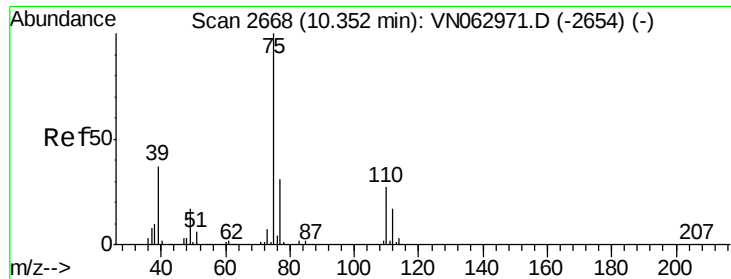
91 172.7 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





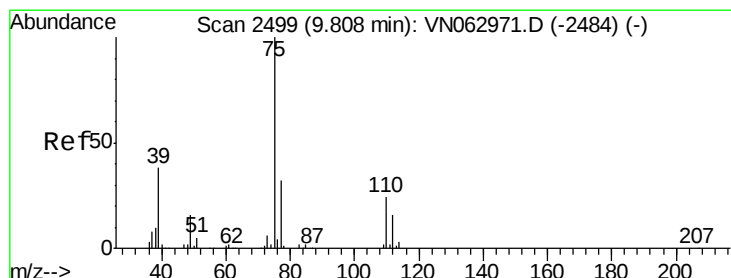
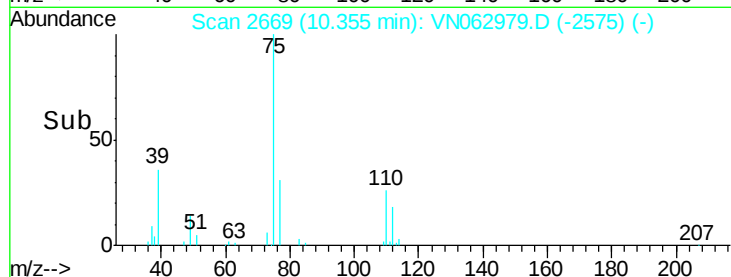
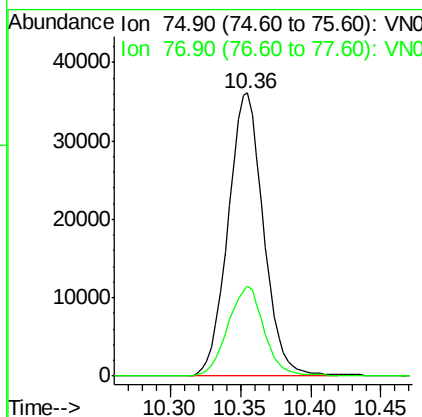
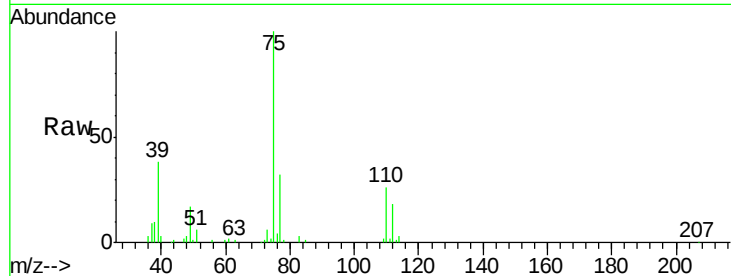
#53
t-1,3-Dichloropropene
Concen: 17.626 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4

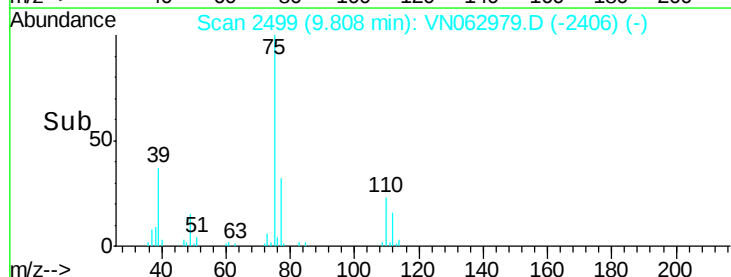
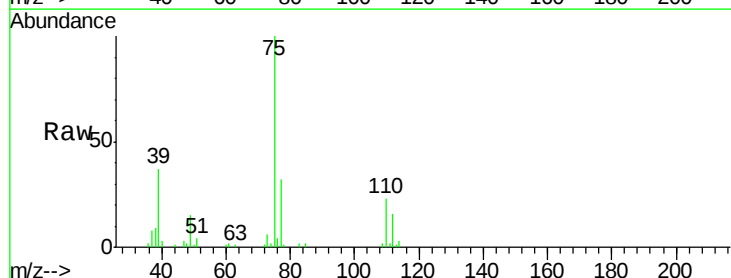
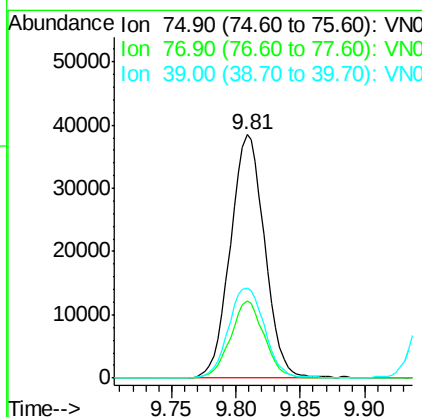
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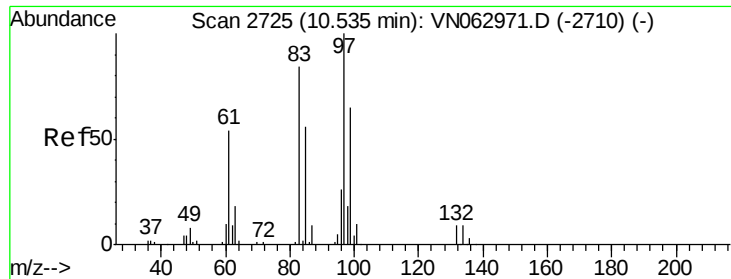
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#54
cis-1,3-Dichloropropene
Concen: 18.327 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
39	37.2	30.6	46.0





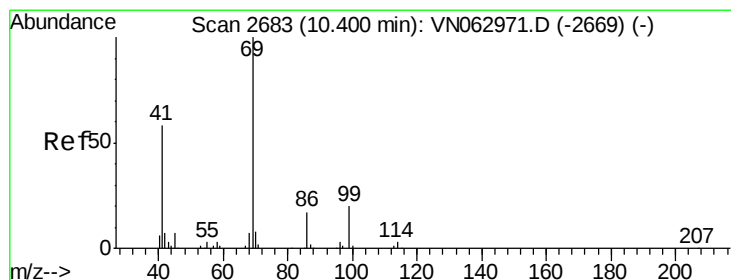
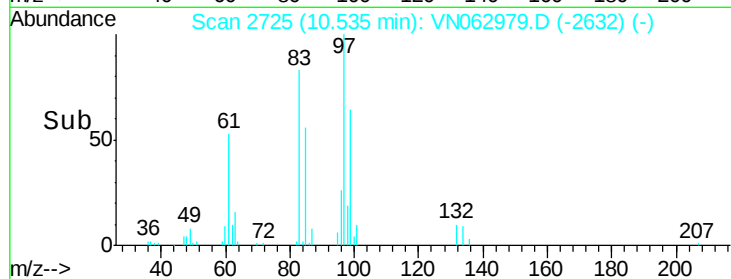
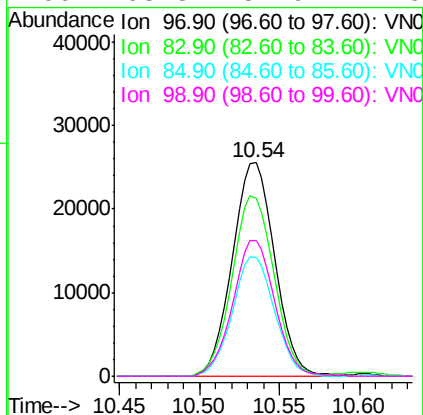
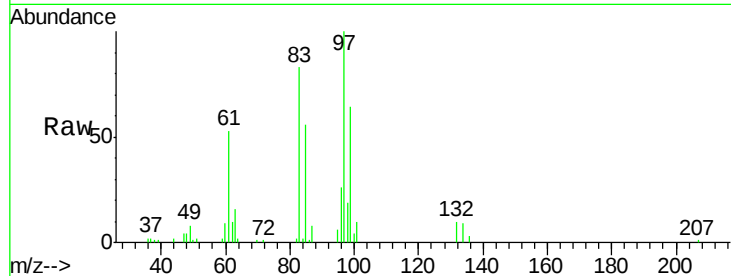
#55
 1,1,2-Trichloroethane
 Concen: 18.176 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion:	97	Resp:	46129
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.0	100.4
85	55.8	44.4	66.6
99	63.8	51.9	77.9

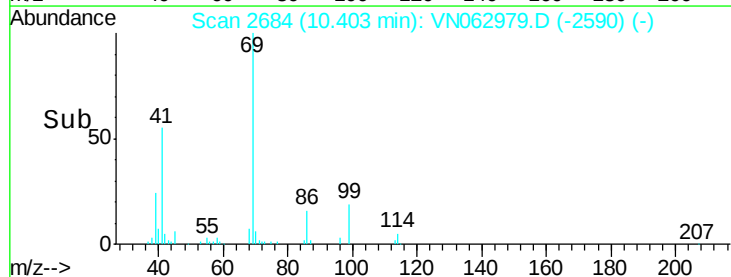
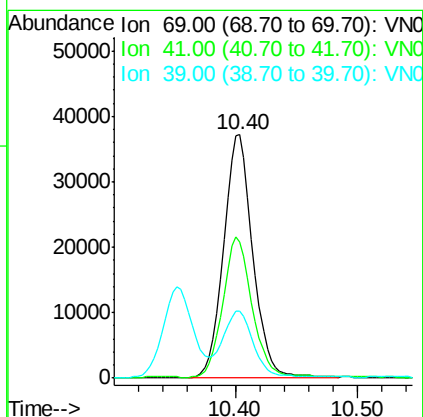
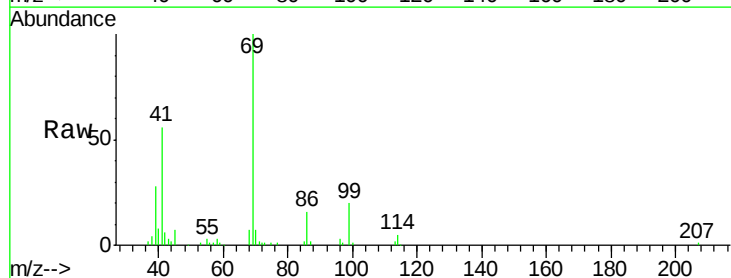
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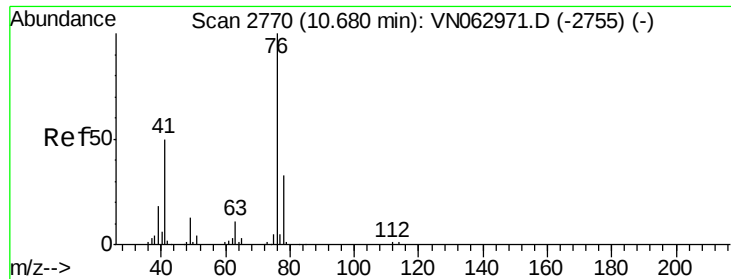
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#56
 Ethyl methacrylate
 Concen: 18.484 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion:	69	Resp:	62674
Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.0	69.0
39	29.8	23.4	35.0





#57

1,3-Dichloropropane

Concen: 18.089 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 76 Resp: 72364

Ion Ratio Lower Upper

76 100

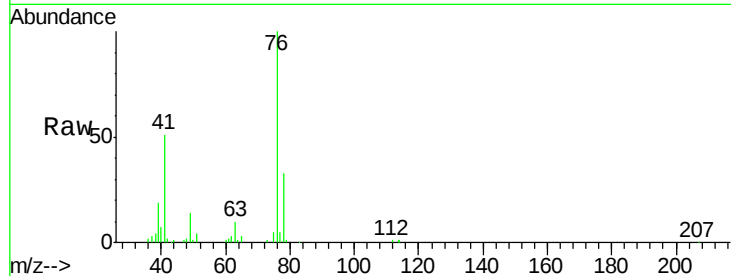
78 32.1 26.2 39.4

Manual Integrations

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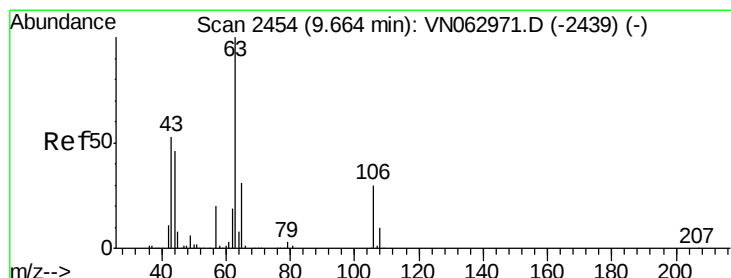
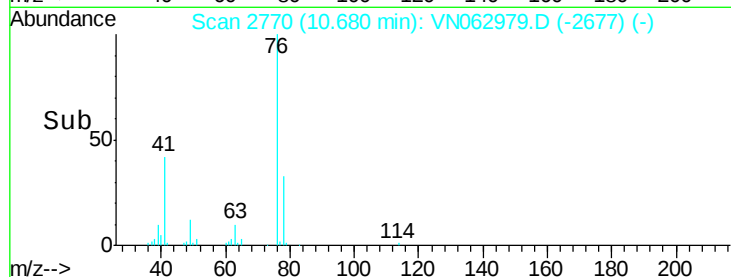
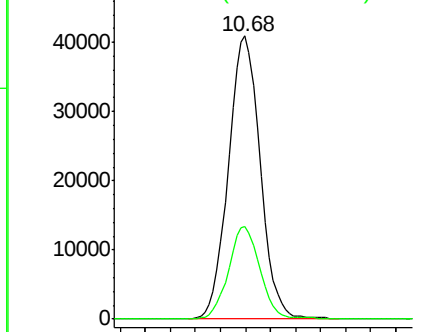
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 103.827 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062979.D

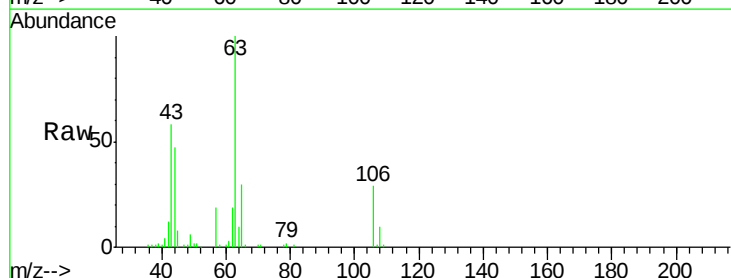
Acq: 17 Aug 2020 19:32

Tgt Ion: 63 Resp: 69162

Ion Ratio Lower Upper

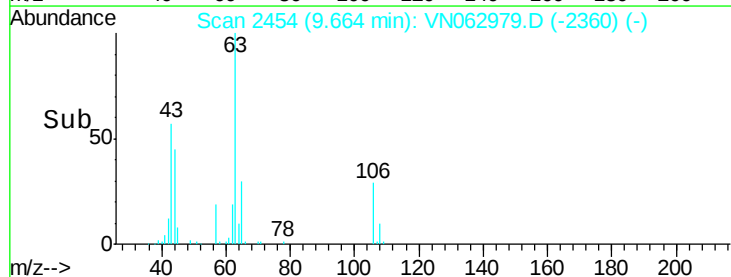
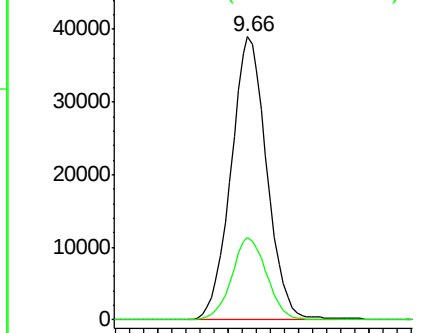
63 100

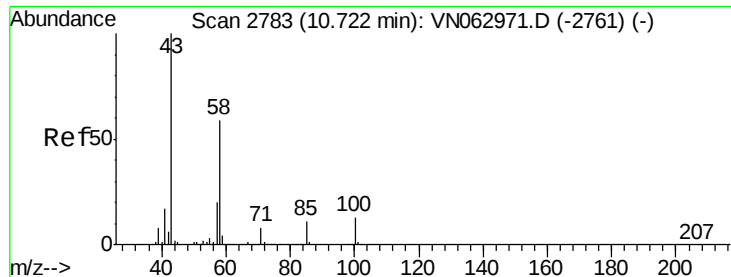
106 28.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





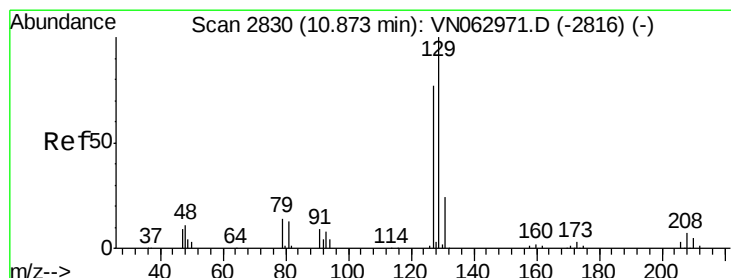
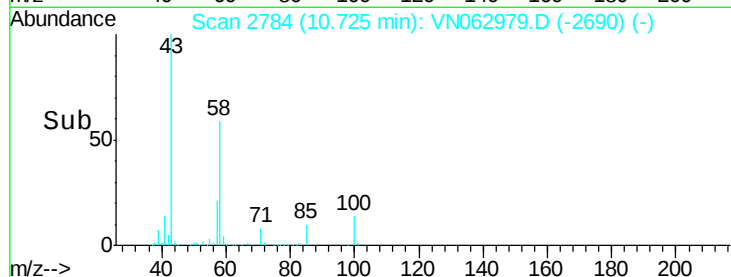
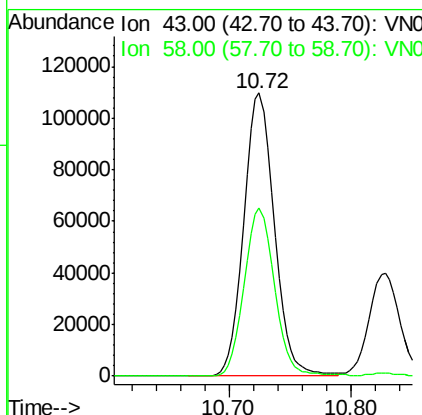
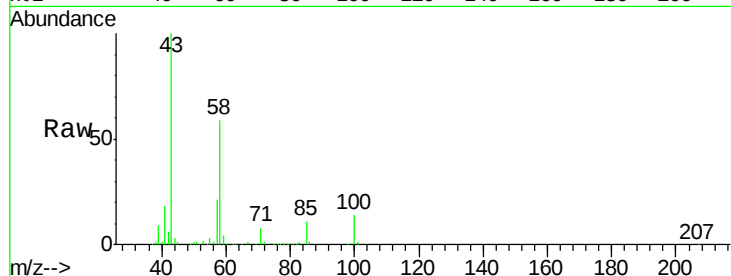
#59
2-Hexanone
Concen: 102.096 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.9	29.5	88.5

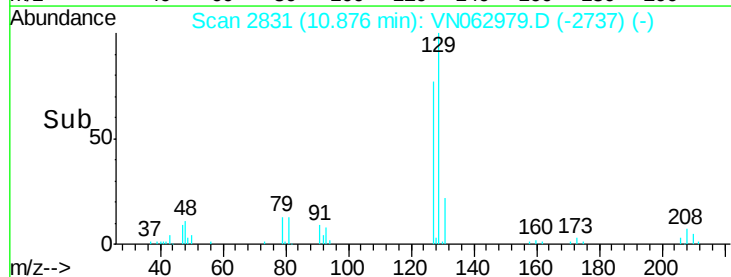
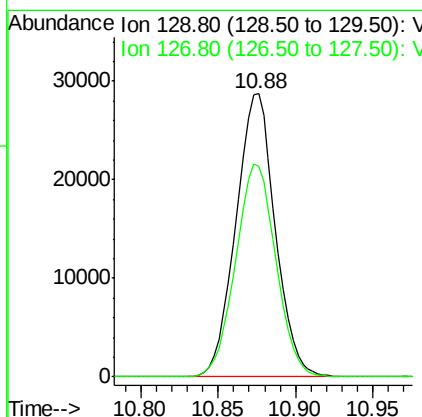
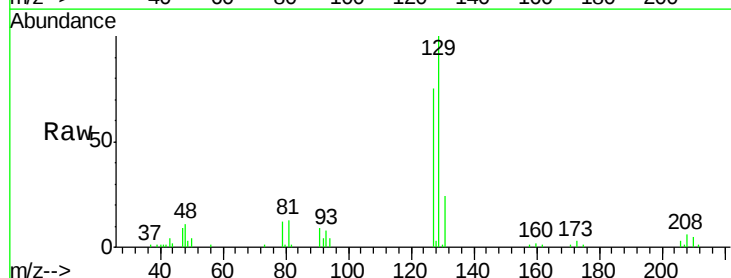
Manual Integrations
APPROVED

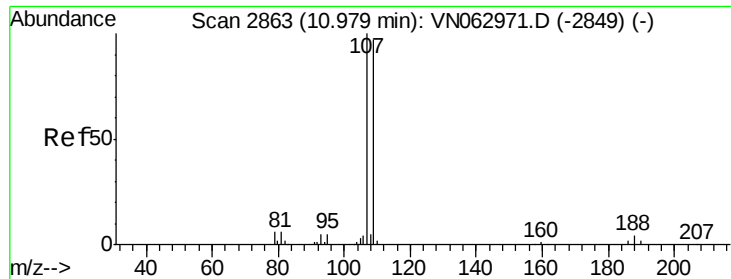
MMDadoda
8/18/2020 11:13:05 AM



#60
Dibromochloromethane
Concen: 17.970 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.2





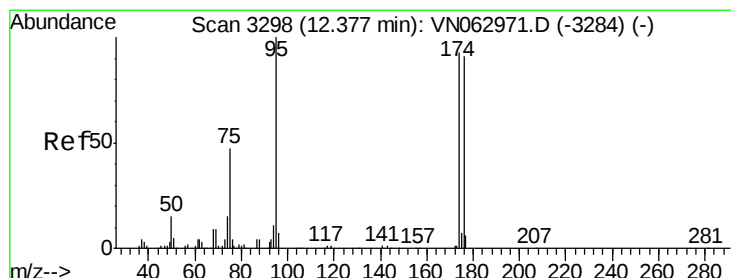
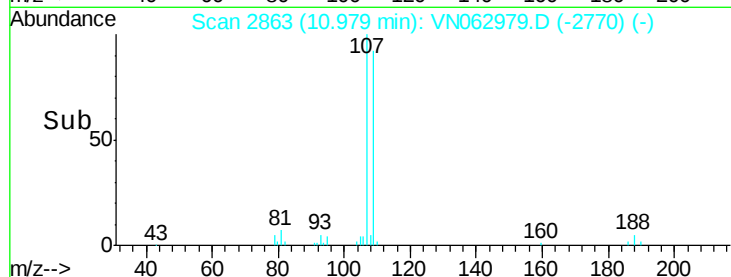
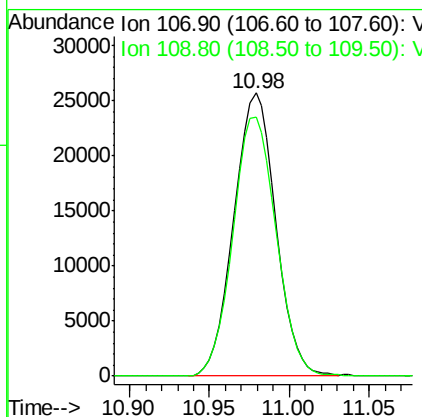
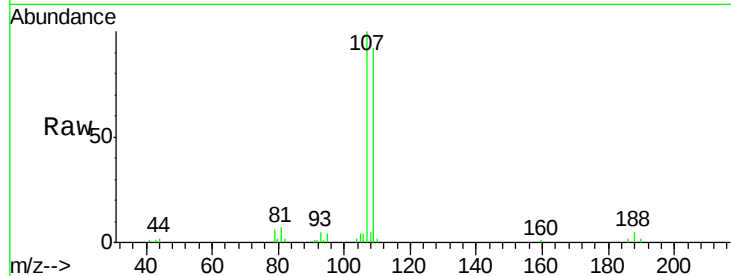
#61
 1,2-Dibromoethane
 Concen: 17.725 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.6	115.0

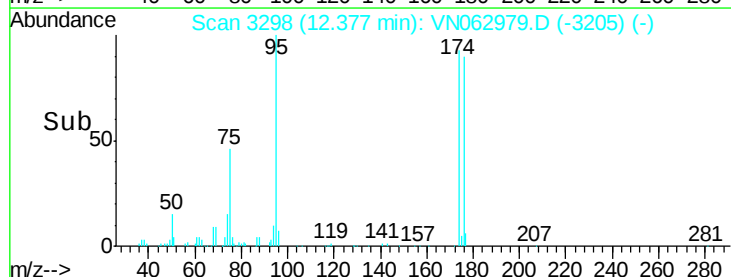
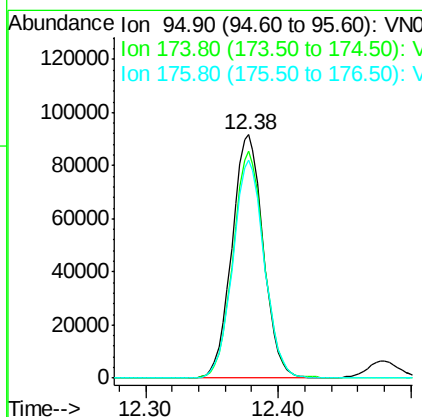
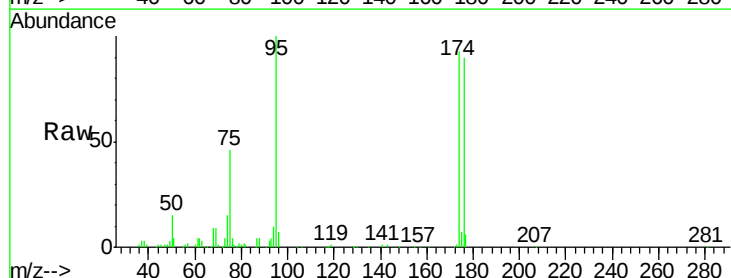
Manual Integrations
 APPROVED

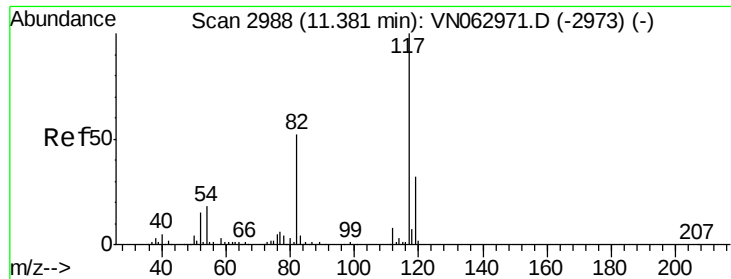
MMDadoda
 8/18/2020 11:13:05 AM



#62
 4-Bromofluorobenzene
 Concen: 47.408 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	185.2
176	89.7	0.0	178.8





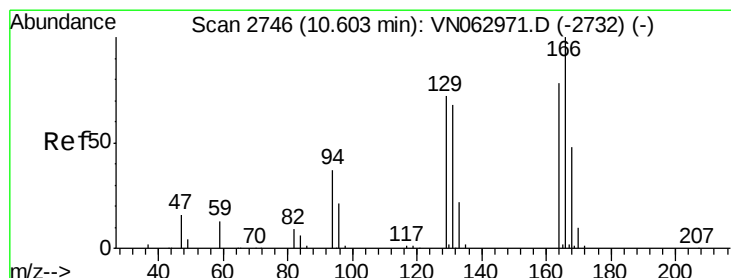
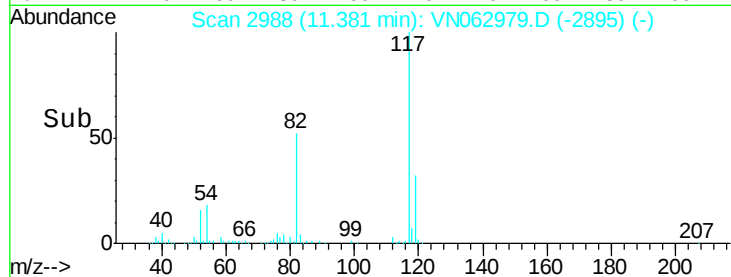
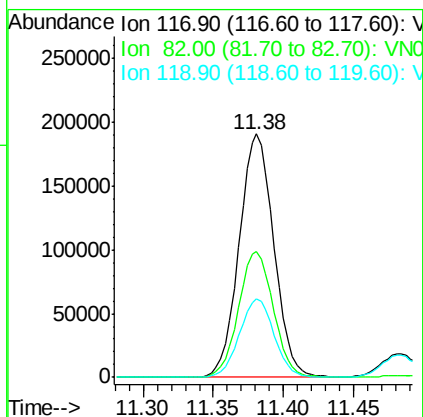
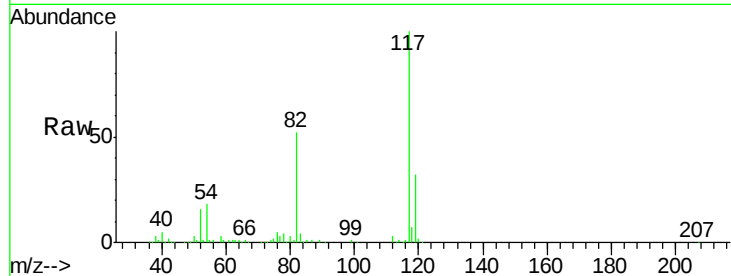
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	329829		
82	51.7		41.3	61.9
119	32.1		25.8	38.8

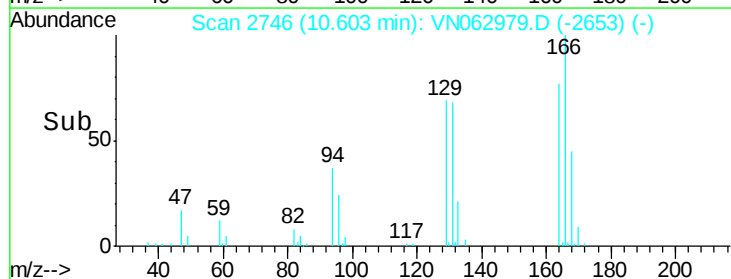
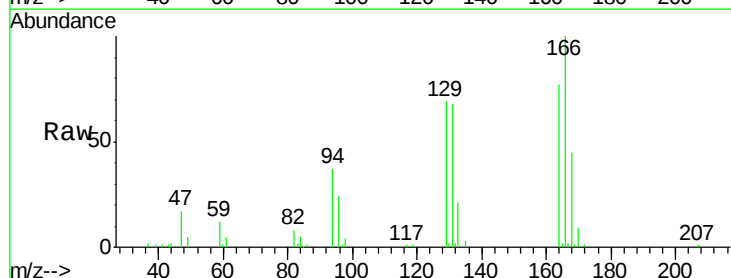
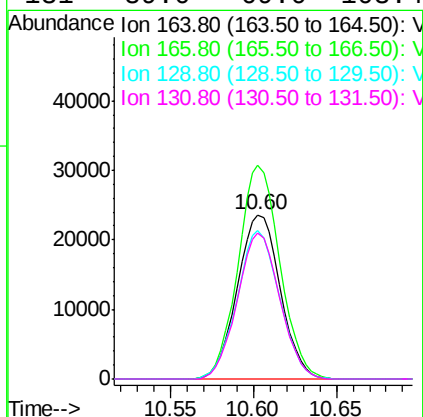
Manual Integrations
APPROVED

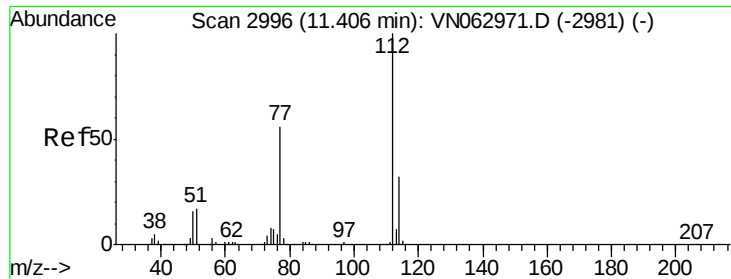
MMDadoda
8/18/2020 11:13:05 AM



#64
Tetrachloroethene
Concen: 18.715 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	42339		
166	130.0		101.9	152.9
129	90.3		73.1	109.7
131	89.0		69.0	103.4





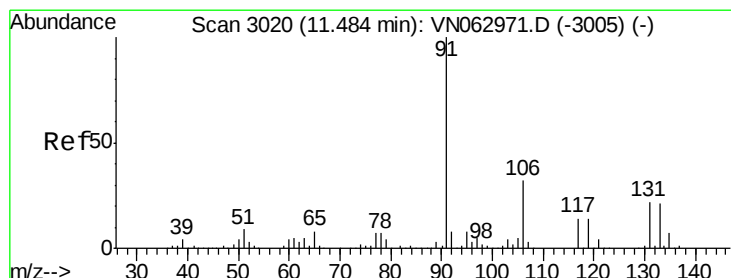
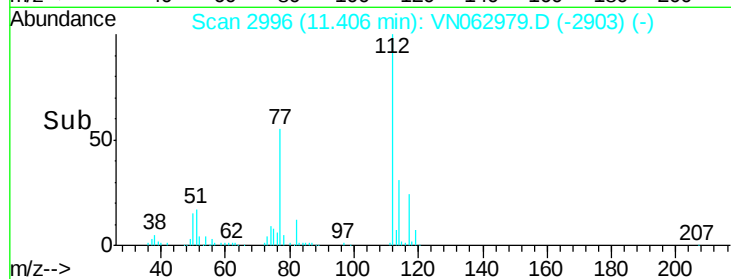
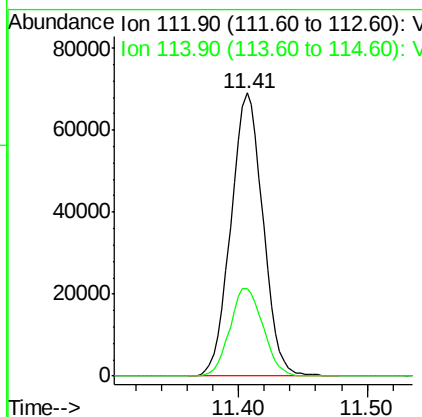
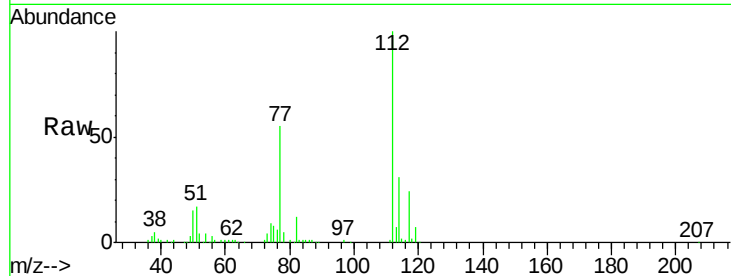
#65
Chlorobenzene
Concen: 17.670 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	119293		
114	31.1	25.4	38.2	

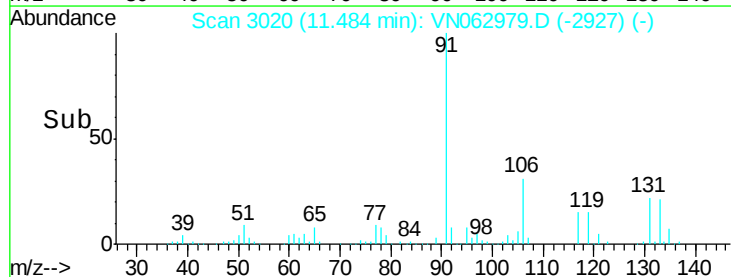
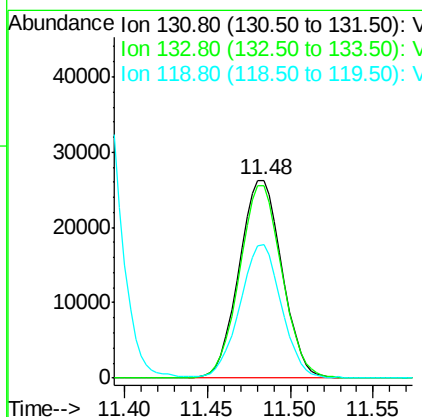
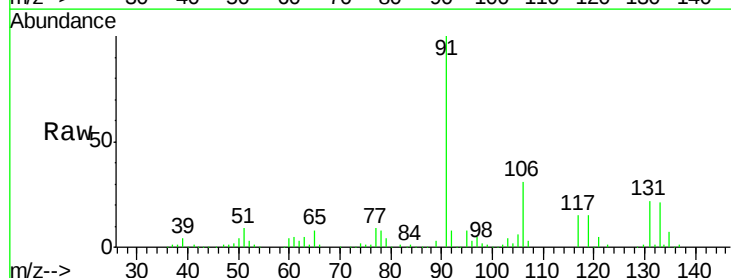
Manual Integrations
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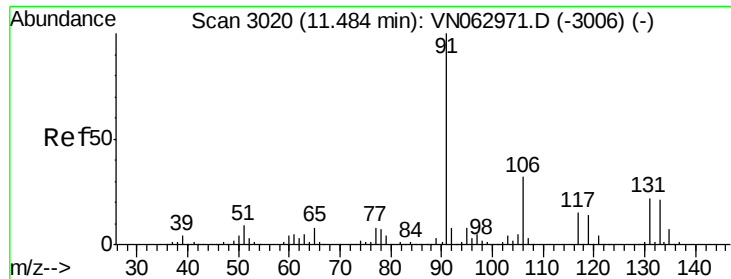
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.040 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	47302		
133	96.3	47.8	143.4	
119	65.5	32.4	97.0	





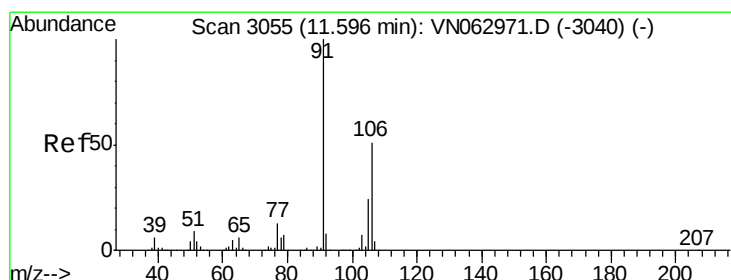
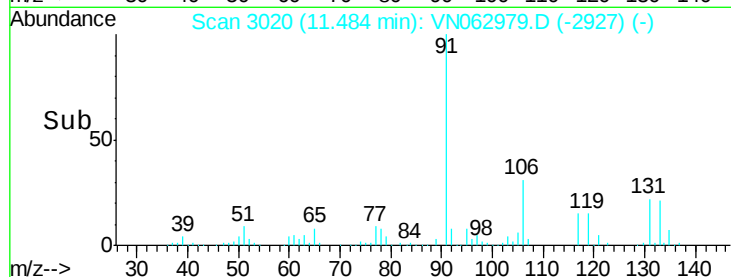
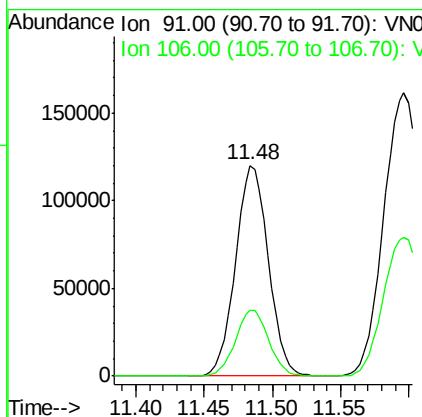
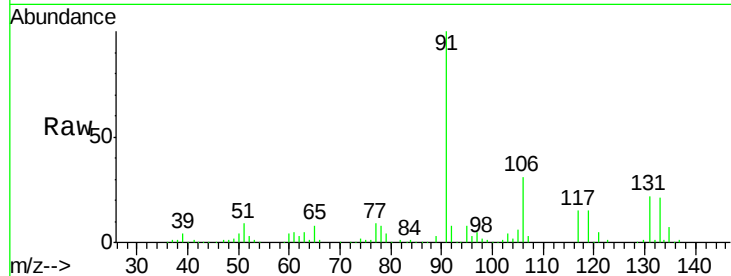
#67
Ethyl Benzene
Concen: 17.673 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampled :
VN0817WBS01

Tot Ion: 91 Resp: 200998
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9

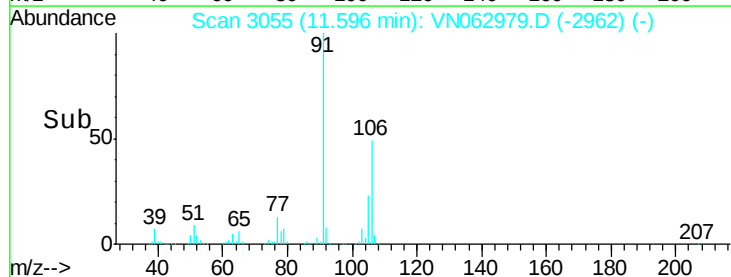
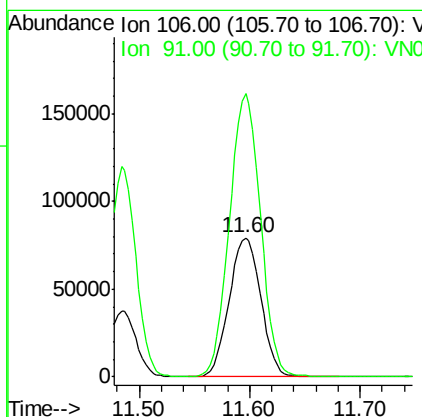
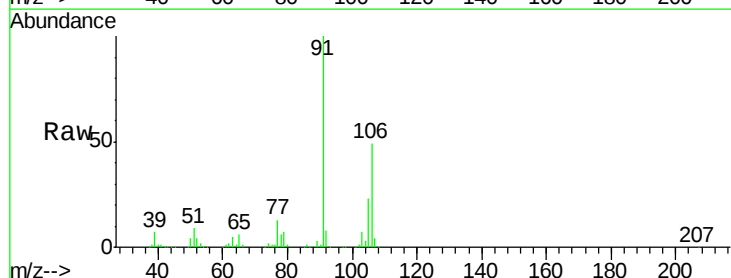
Manual Integrations
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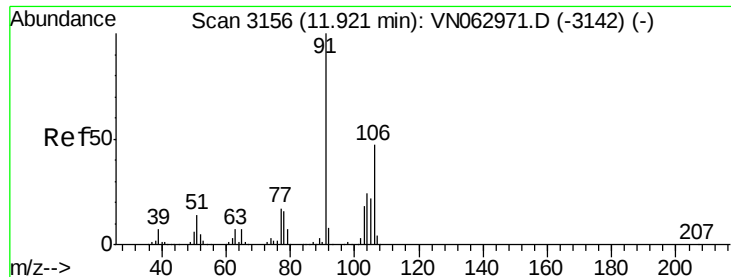
MMDadoda
8/18/2020 11:13:05 AM



#68
m/p-Xylenes
Concen: 36.927 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 106 Resp: 158593
Ion Ratio Lower Upper
106 100
91 197.5 158.7 238.1





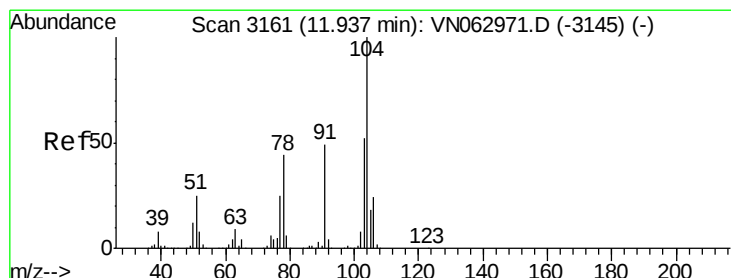
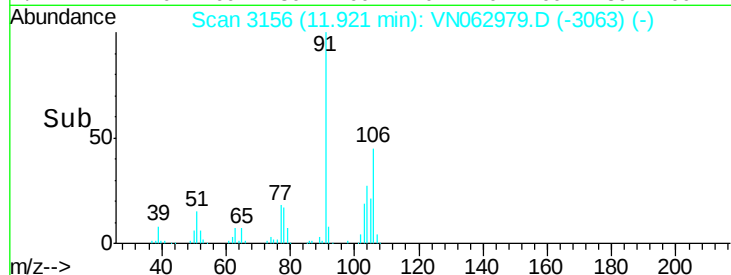
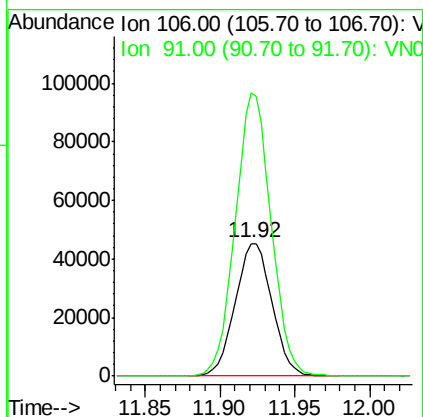
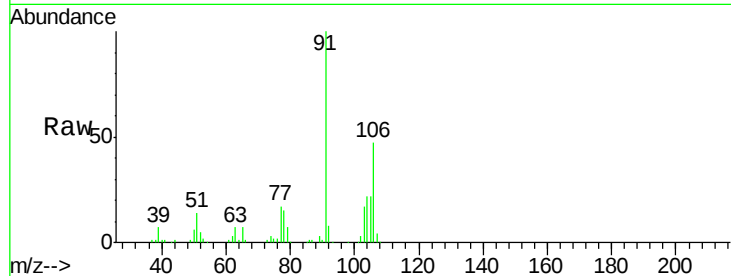
#69
o-Xylene
Concen: 19.015 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.5	106.3	318.8

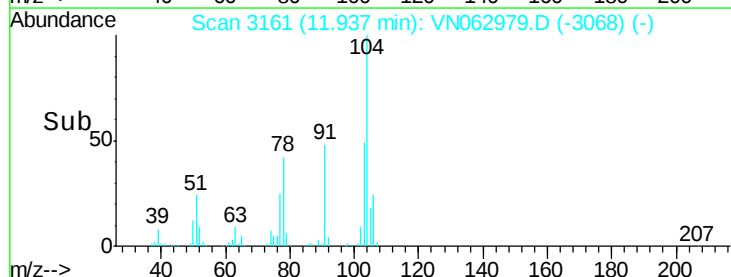
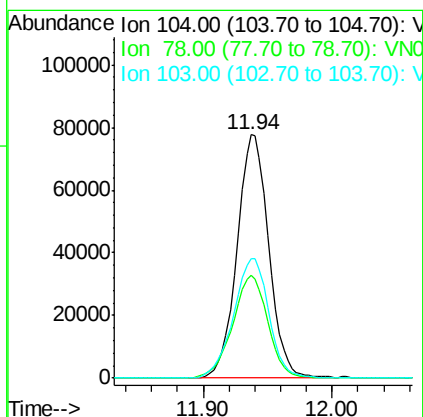
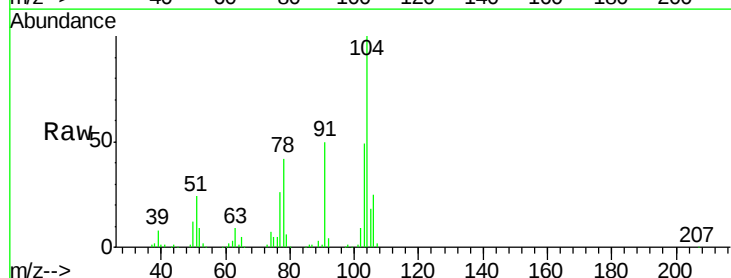
Manual Integrations
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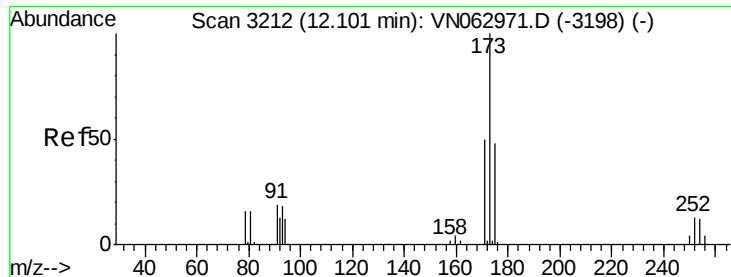
MMDadoda
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#70
Styrene
Concen: 18.751 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.9	38.2	57.4
103	54.9	44.9	67.3





#71

Bromoform

Concen: 19.307 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion:173 Resp: 42316

Ion Ratio Lower Upper

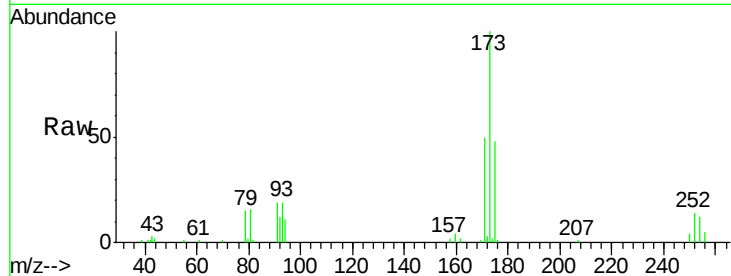
173 100

175 48.5 24.1 72.2

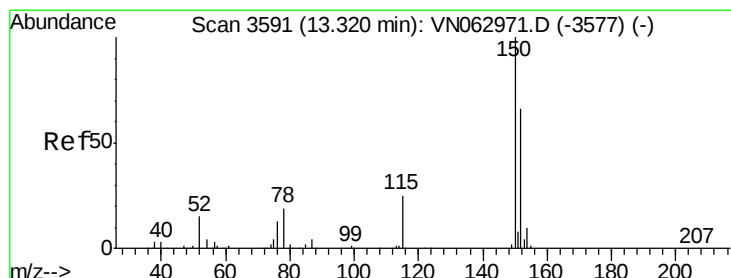
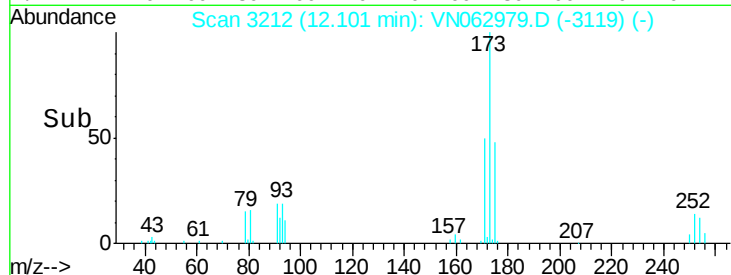
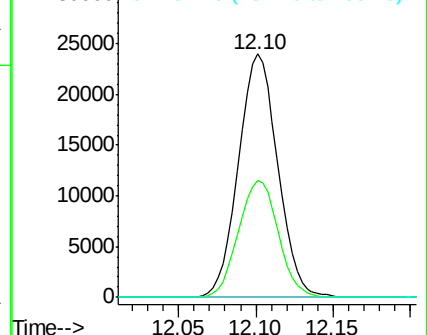
254 0.0 0.0 0.0

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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: VN062979.D

Acq: 17 Aug 2020 19:32

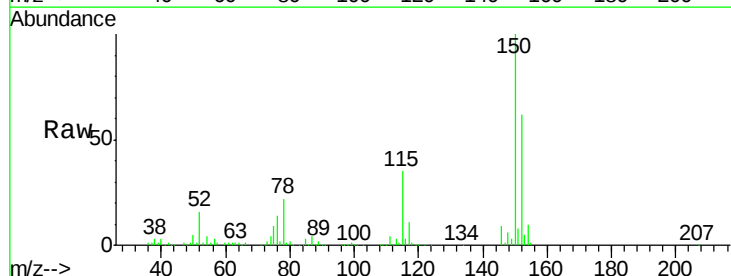
Tgt Ion:152 Resp: 158186

Ion Ratio Lower Upper

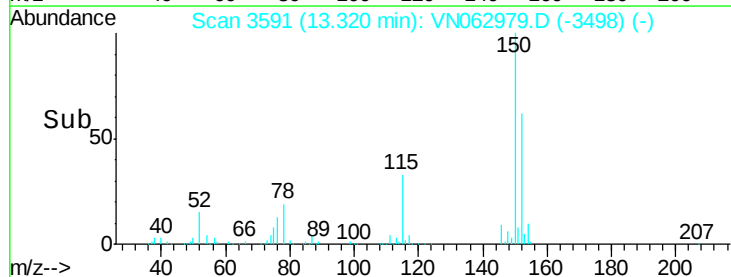
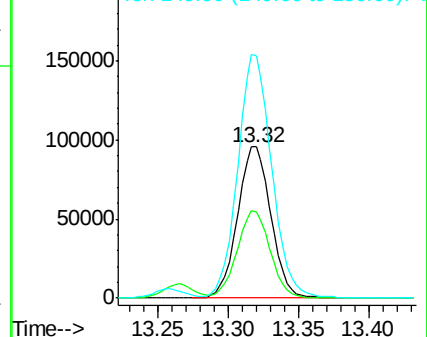
152 100

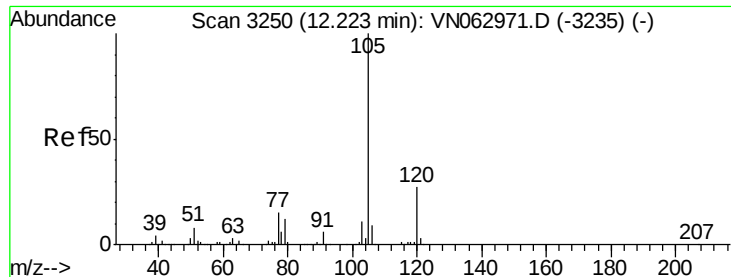
115 57.4 27.1 81.3

150 163.8 0.0 341.4



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





#73

Isopropylbenzene

Concen: 18.736 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion:105 Resp: 204461

Ion Ratio Lower Upper

105 100

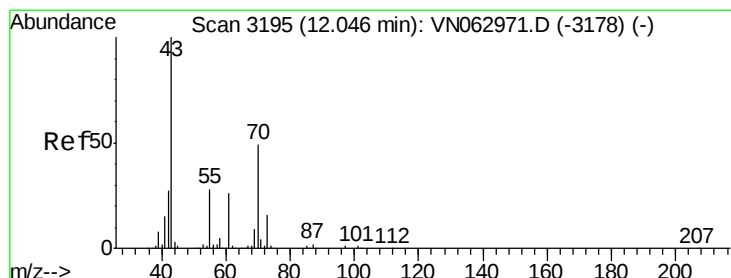
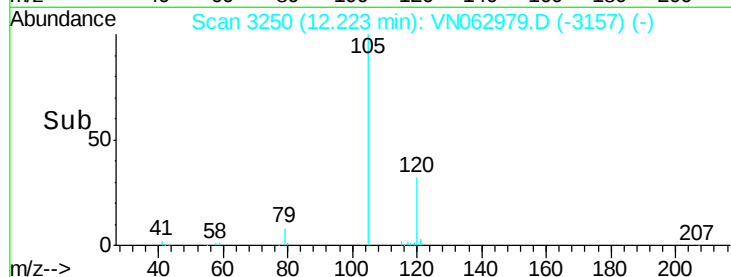
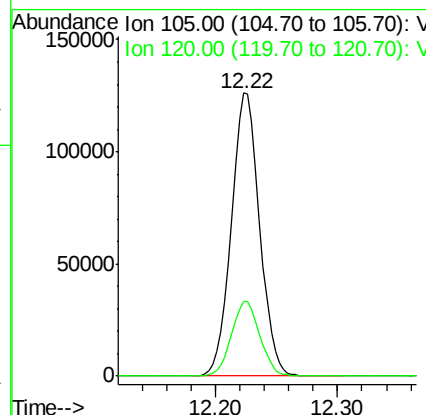
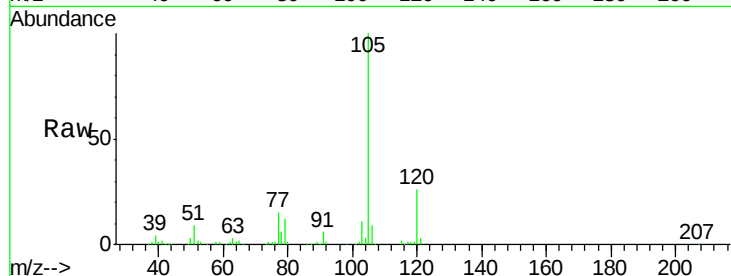
120 26.5 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.047 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion: 43 Resp: 67610

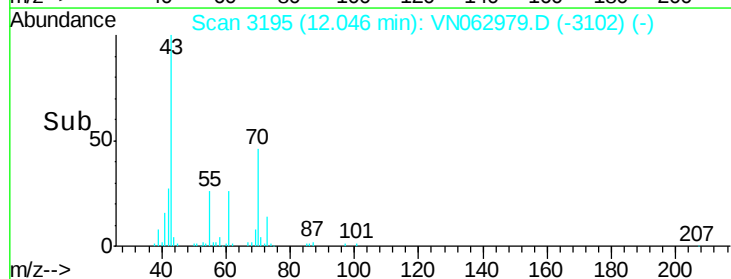
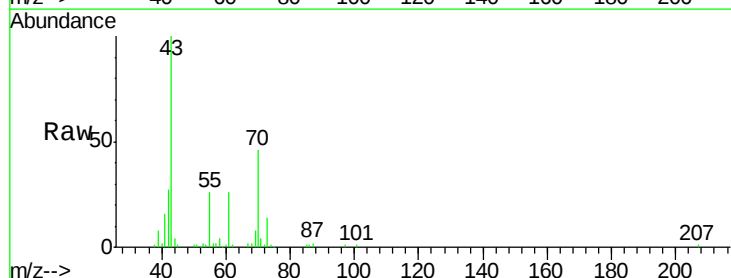
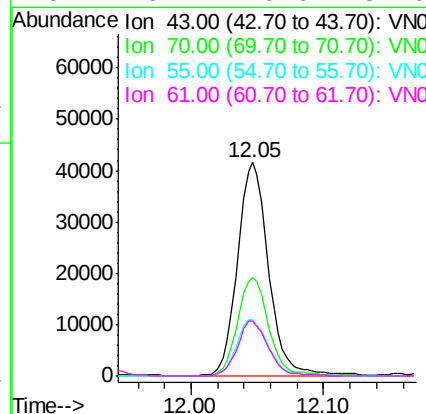
Ion Ratio Lower Upper

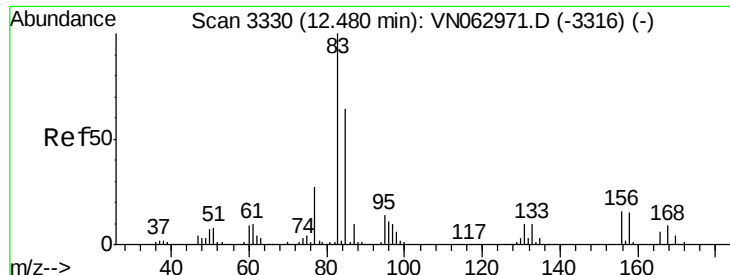
43 100

70 46.6 38.4 57.6

55 27.4 21.9 32.9

61 25.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.119 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

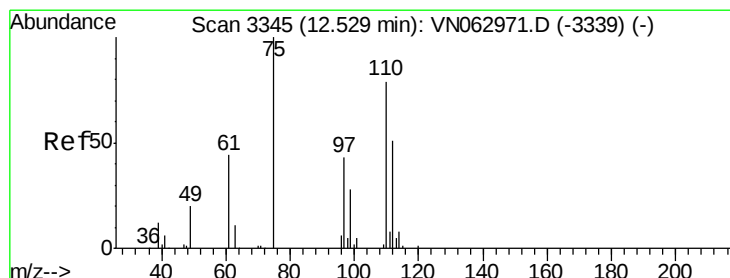
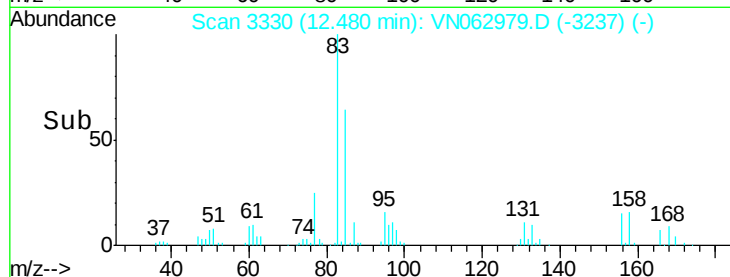
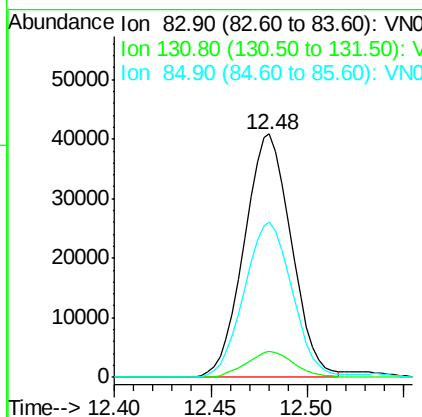
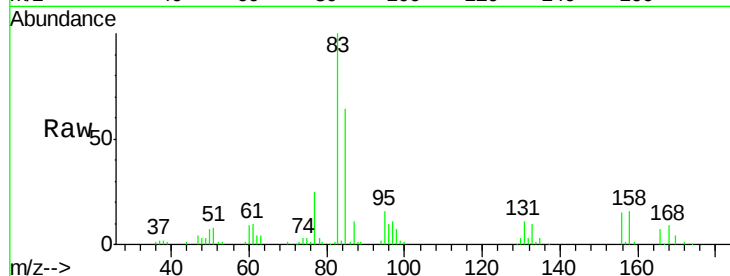
ClientSampleId :

VN0817WBS01

Tot Ion:	83	Resp:	69490
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.237 ug/l m

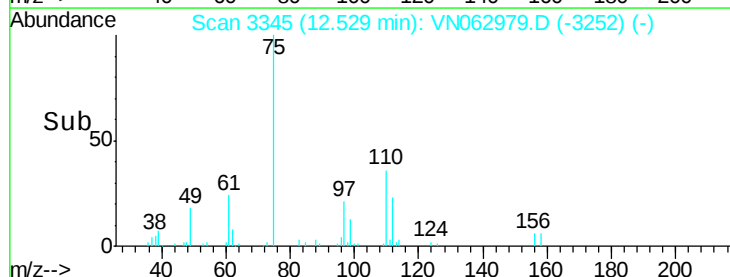
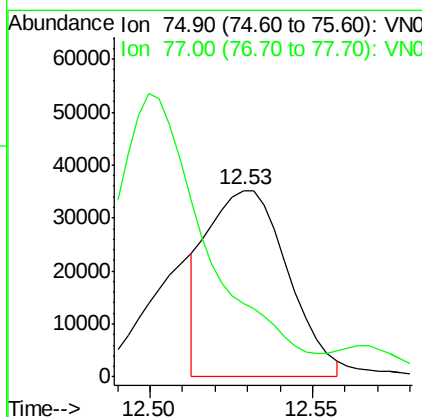
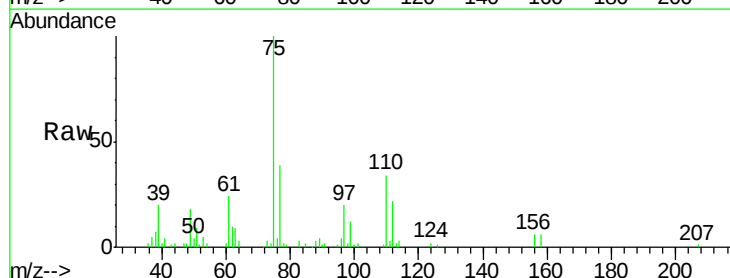
RT: 12.53 min Scan# 3345

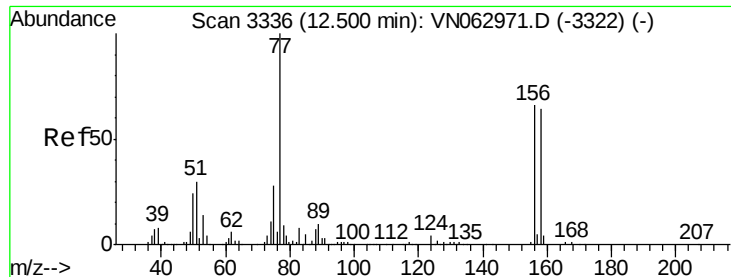
Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion:	75	Resp:	60620
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.504 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

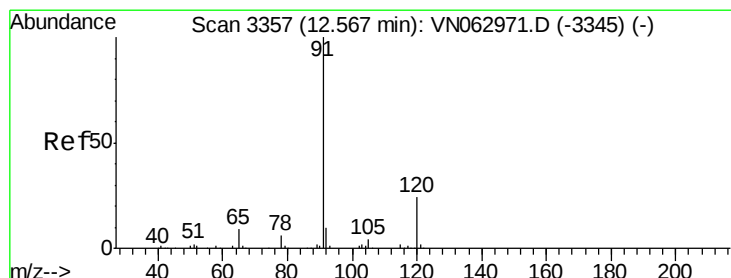
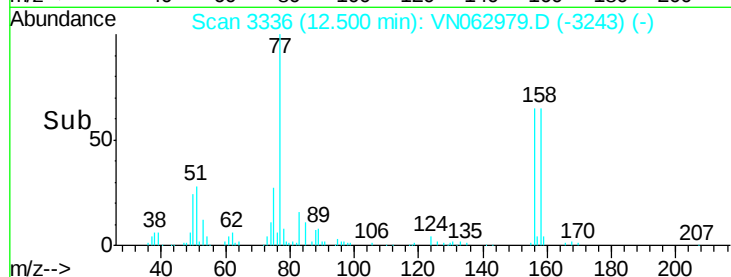
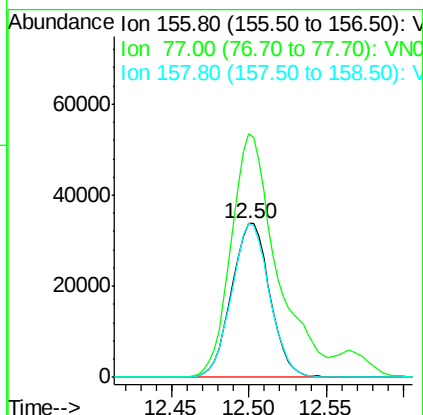
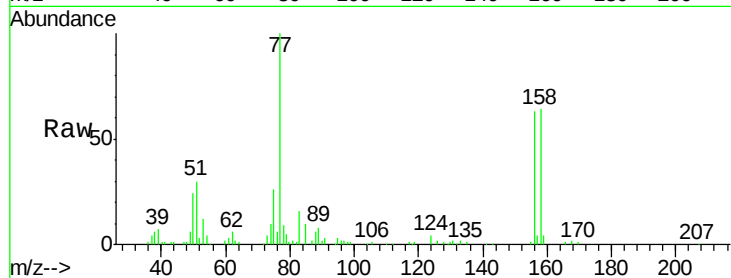
ClientSampleId :

VN0817WBS01

Tot Ion:	156	Resp:	58218
Ion Ratio	Lower	Upper	
156	100		
77	188.4	92.4	277.2
158	98.7	48.6	145.8

Manual Integrations
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#78

n-propylbenzene

Concen: 18.489 ug/l

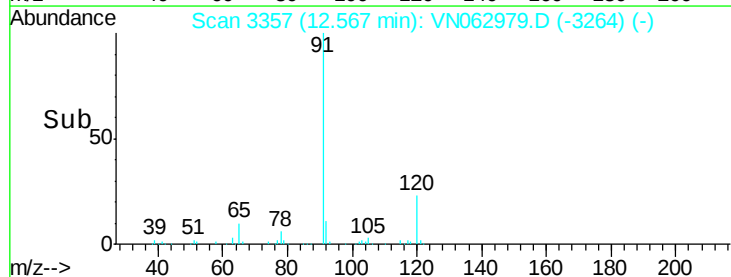
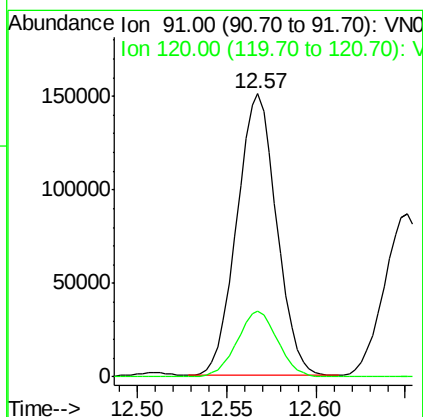
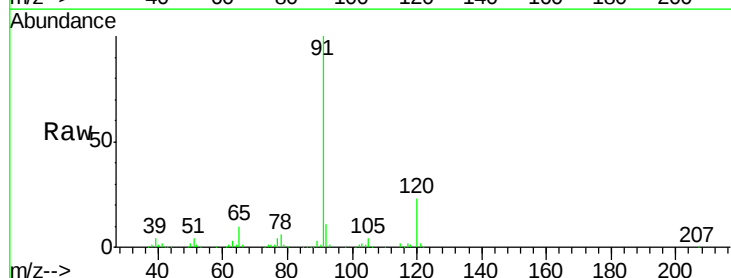
RT: 12.57 min Scan# 3357

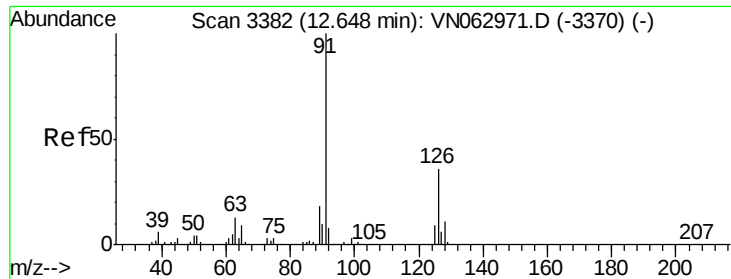
Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion:	91	Resp:	235423
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.1	36.3





#79

2-Chlorotoluene

Concen: 18.641 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

Tot Ion: 91 Resp: 142649

Ion Ratio Lower Upper

91 100

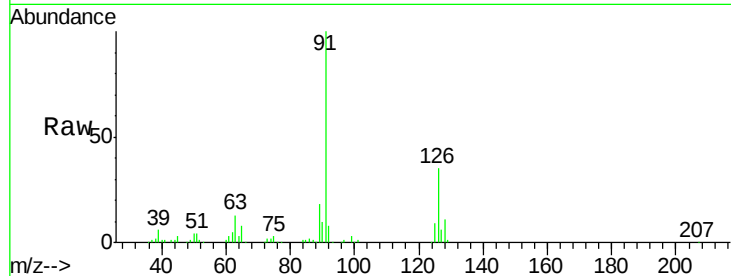
126 36.4 18.1 54.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062979.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062979.D (-3383) (-)

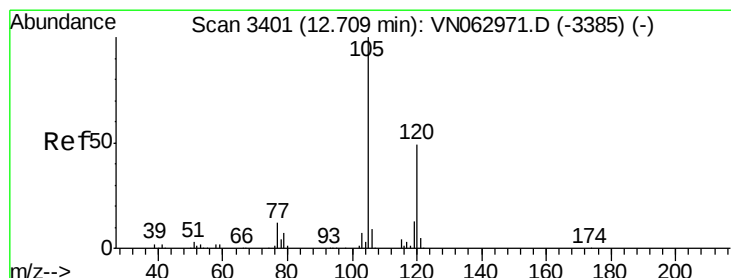
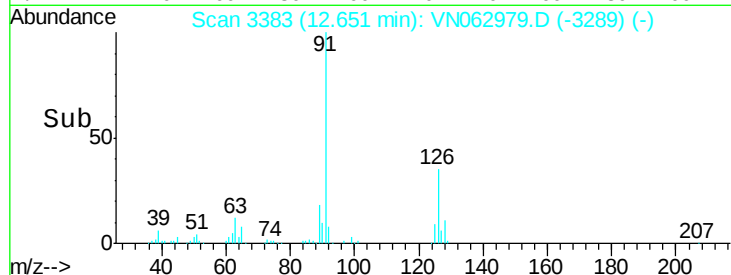
100000

50000

0

12.65

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.743 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062979.D

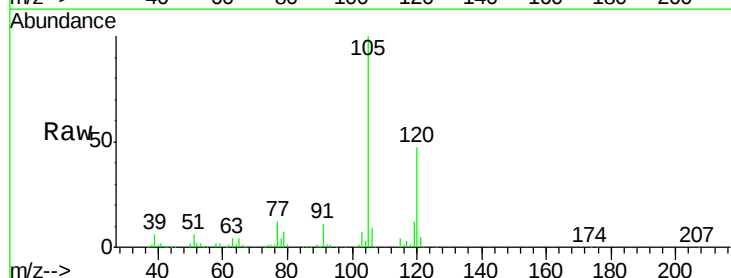
Acq: 17 Aug 2020 19:32

Tgt Ion: 105 Resp: 181284

Ion Ratio Lower Upper

105 100

120 48.7 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN062979.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062979.D (-3401) (-)

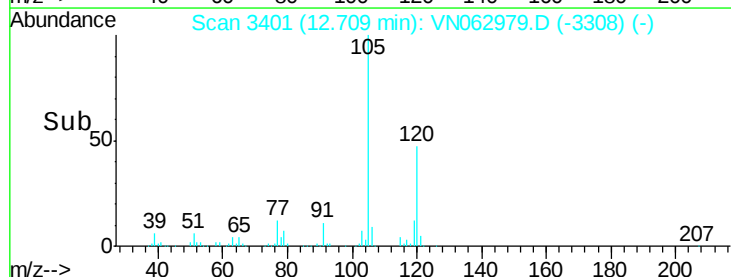
100000

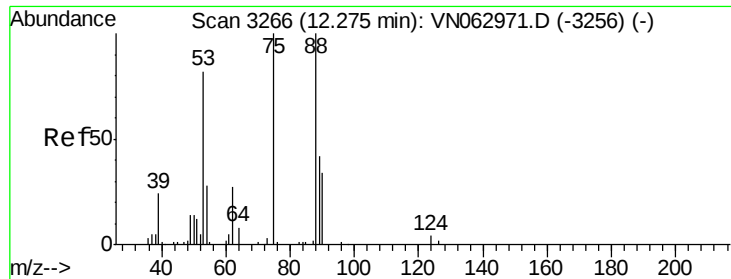
50000

0

12.71

Time-->





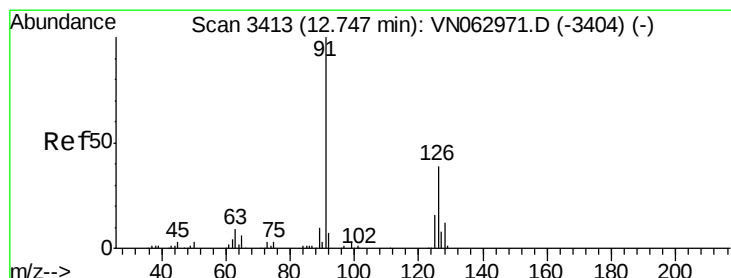
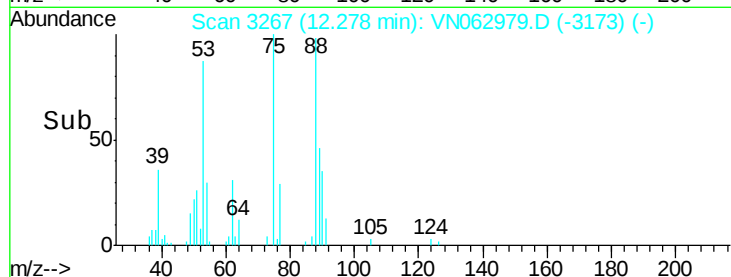
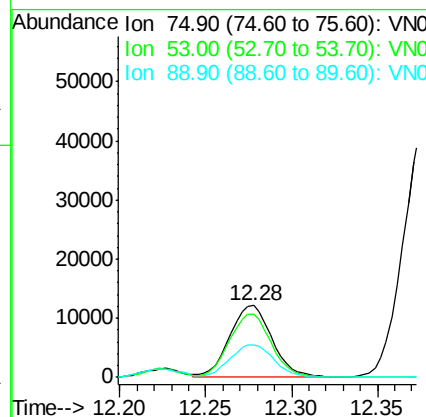
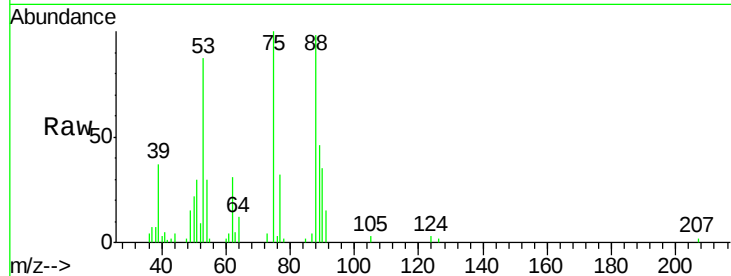
#81
trans-1,4-Dichloro-2-butene
Concen: 17.998 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.2	66.2	99.2
89	46.3	35.0	52.4

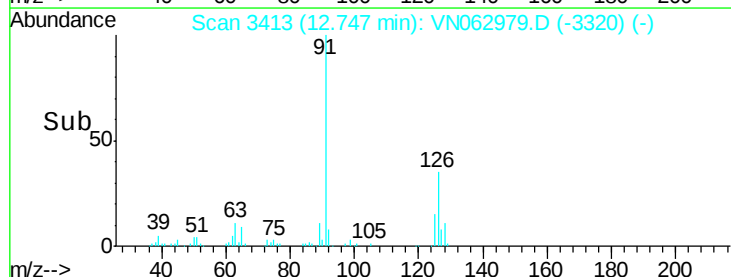
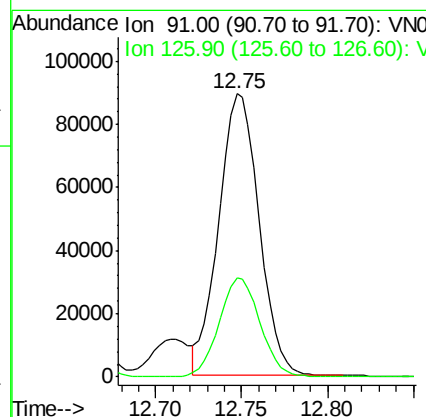
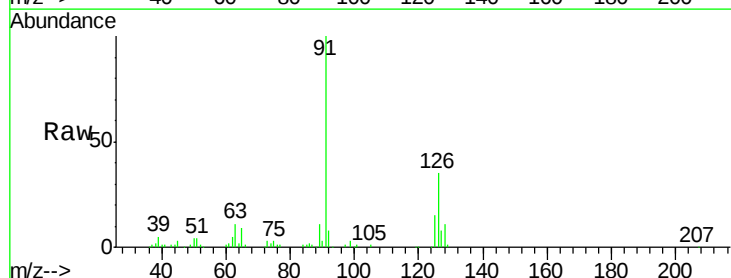
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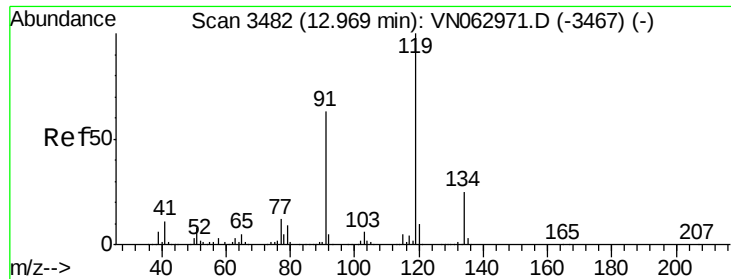
MMDadoda
8/18/2020 11:13:05 AM



#82
4-Chlorotoluene
Concen: 18.716 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.6	52.8





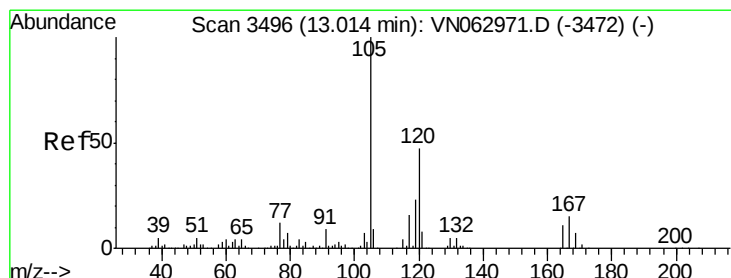
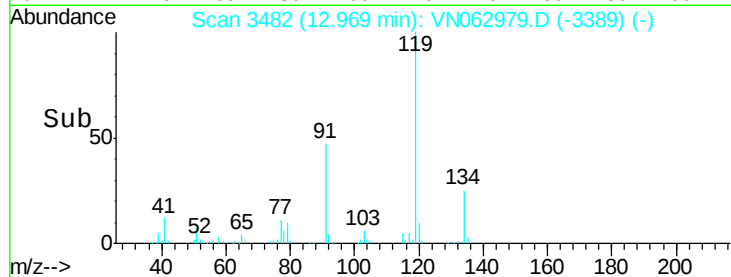
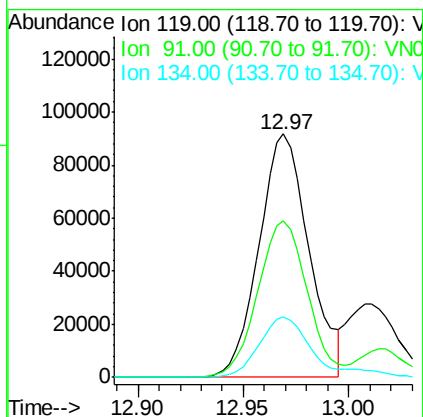
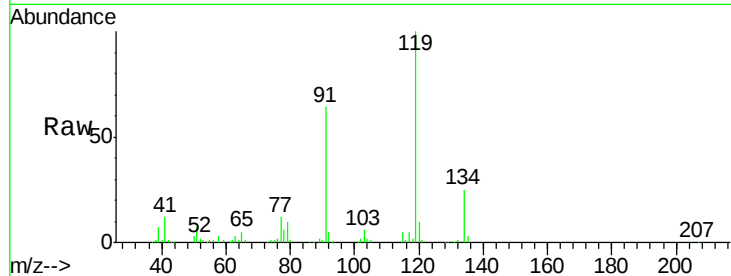
#83
 tert-Butylbenzene
 Concen: 19.088 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	151140		
91	63.8	31.0	93.0	
134	27.0	13.3	39.8	

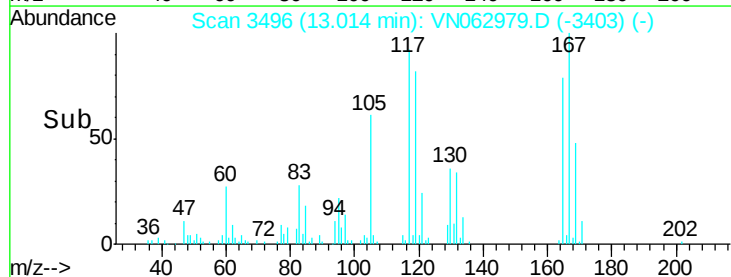
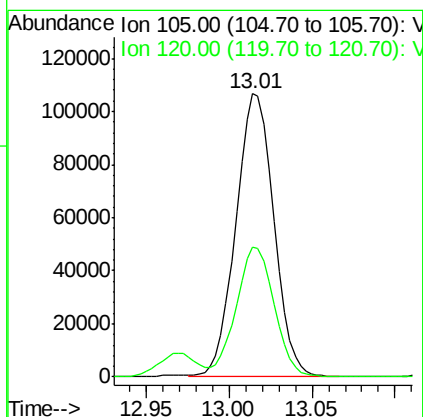
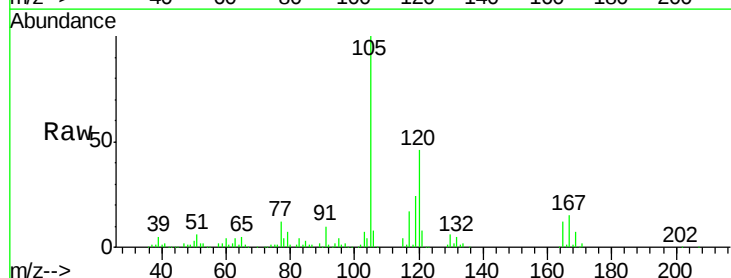
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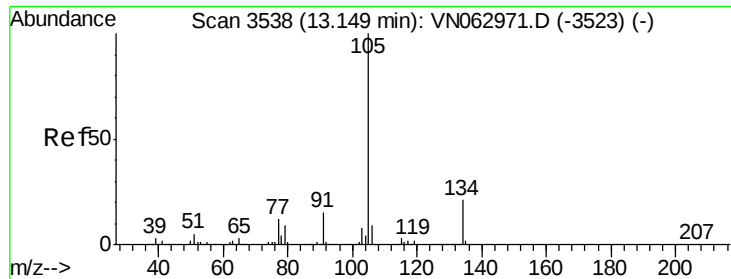
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.984 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168671		
120	46.2	23.2	69.6	





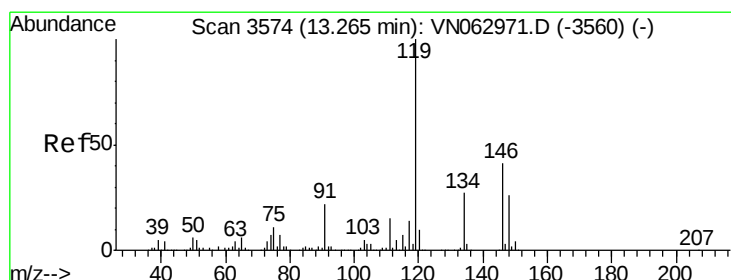
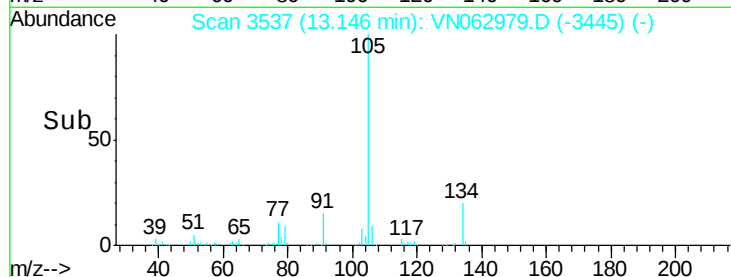
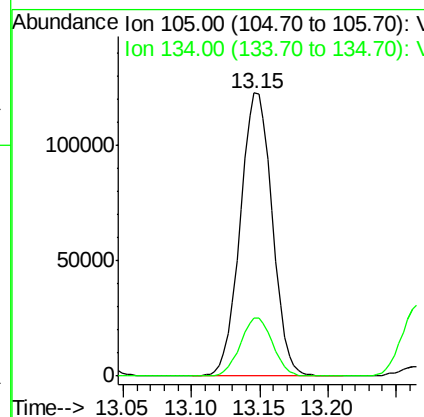
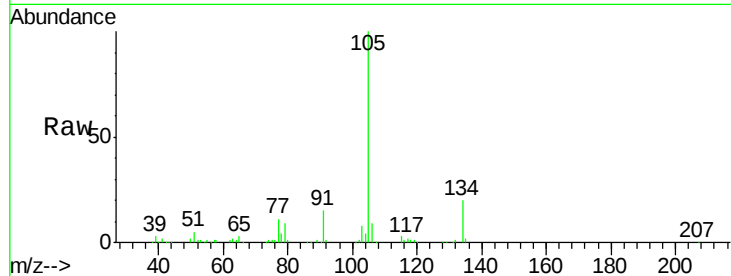
#85
 sec-Butylbenzene
 Concen: 19.219 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampled :
 VN0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	200277		
134	20.6	10.4	31.1	

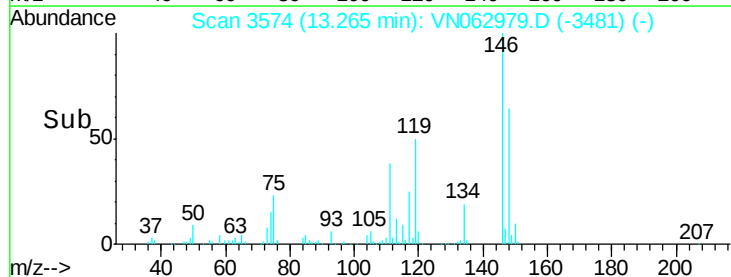
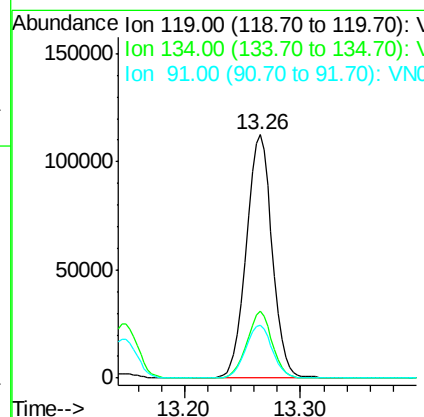
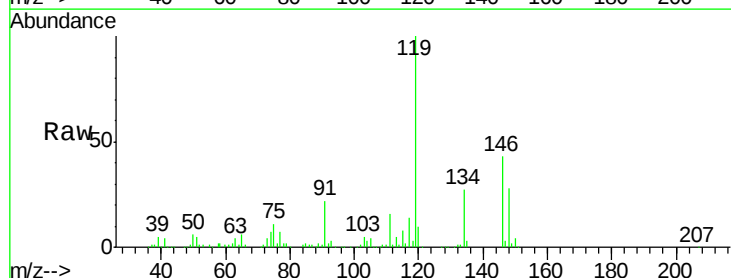
Manual Integrations
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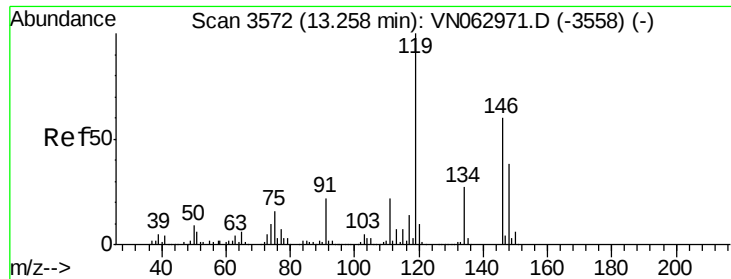
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 8/18/2020 11:13:05 AM



#86
 p-Isopropyltoluene
 Concen: 18.791 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	174248		
134	27.0	13.6	40.7	
91	22.3	11.1	33.1	





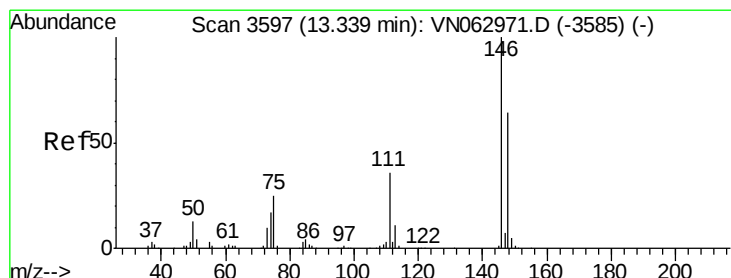
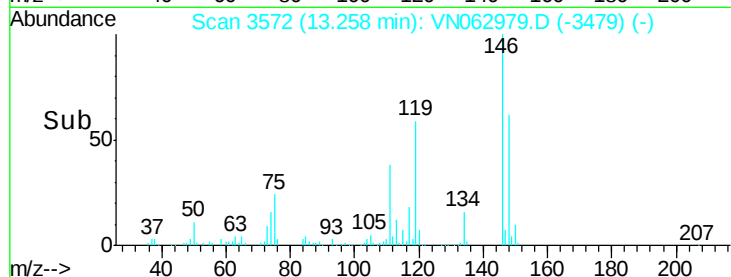
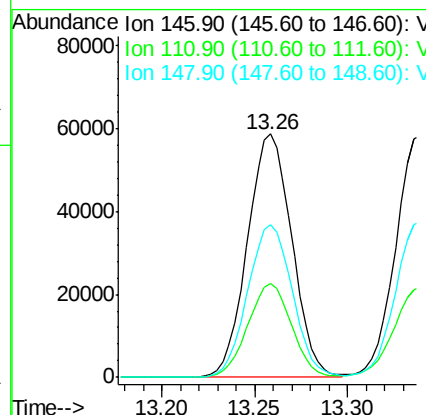
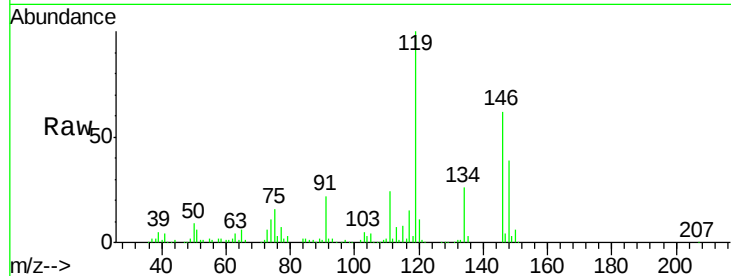
#87
 1,3-Dichlorobenzene
 Concen: 18.917 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	63.0	31.7	95.1

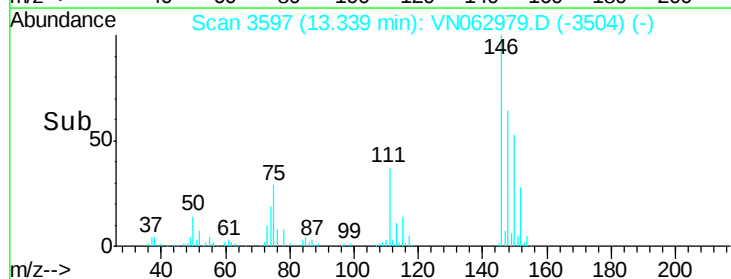
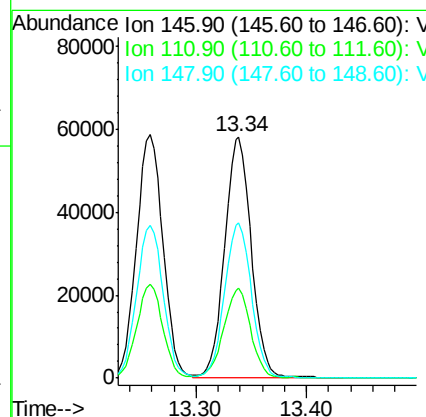
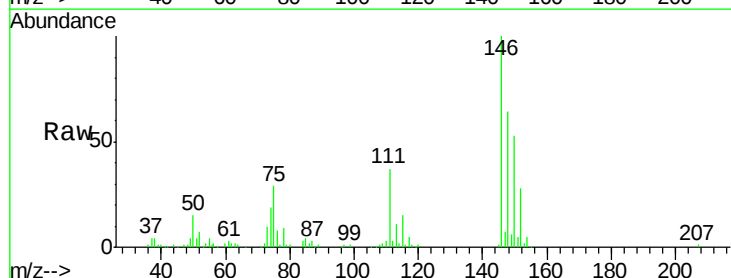
Manual Integrations
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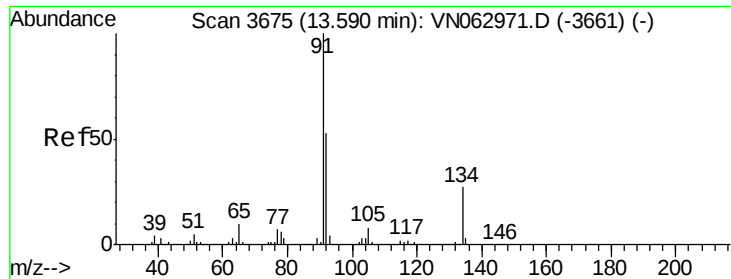
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 8/18/2020 11:13:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.306 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	65.1	32.1	96.5





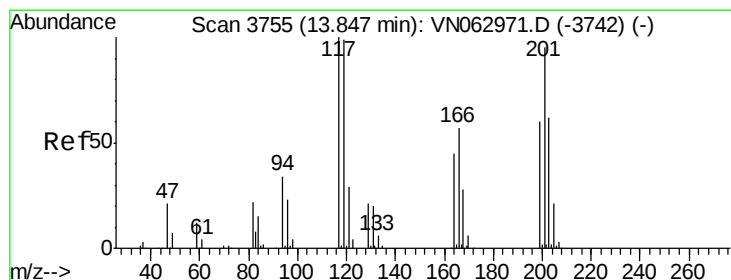
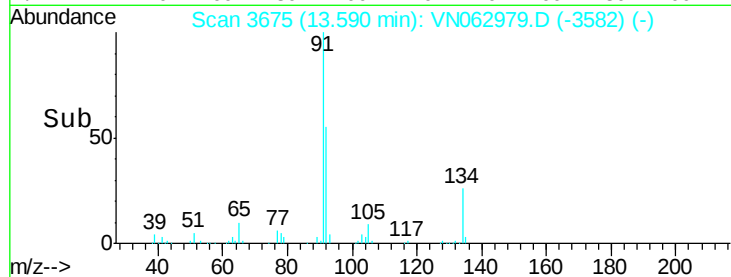
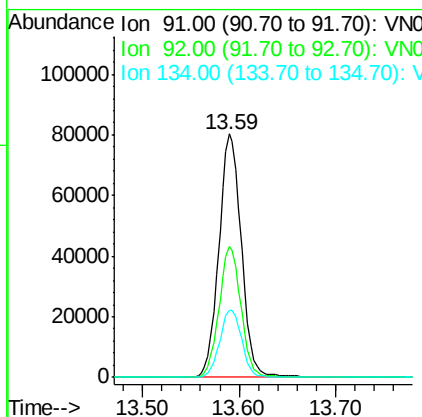
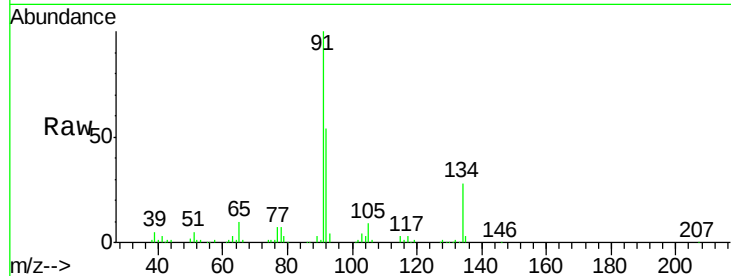
#89
n-Butylbenzene
Concen: 17.192 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.8
134	27.1	13.4	40.2

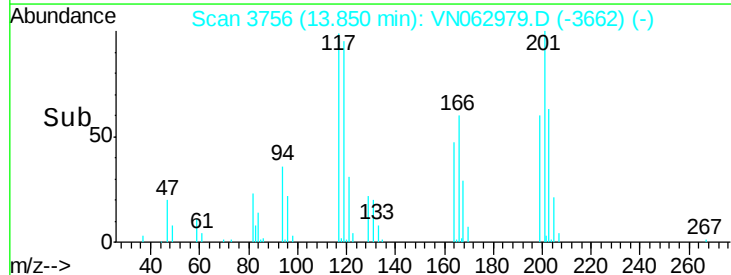
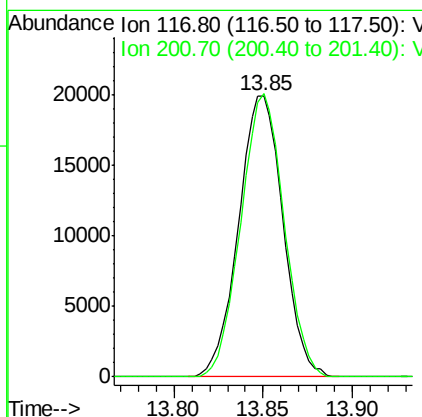
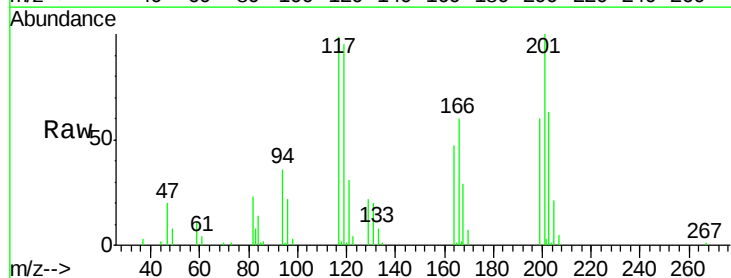
Manual Integrations
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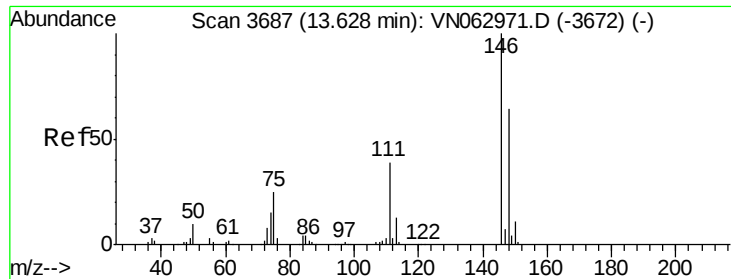
MMDadoda
8/18/2020 11:13:05 AM



#90
Hexachloroethane
Concen: 18.360 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	48.4	145.3





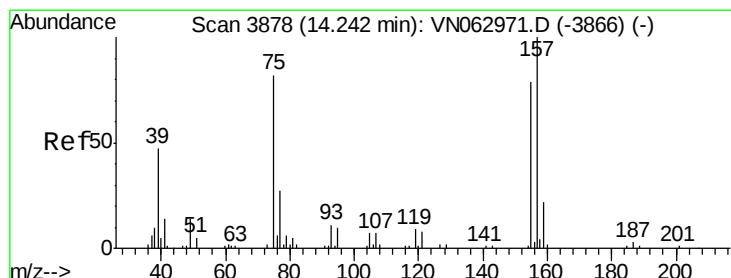
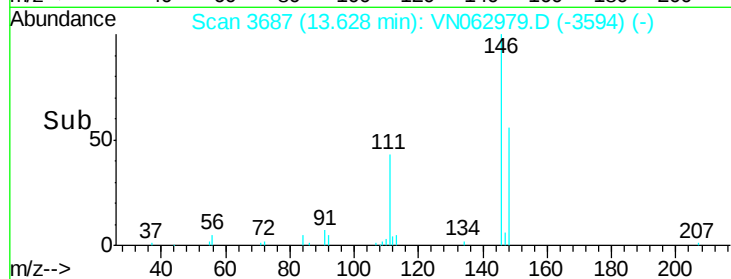
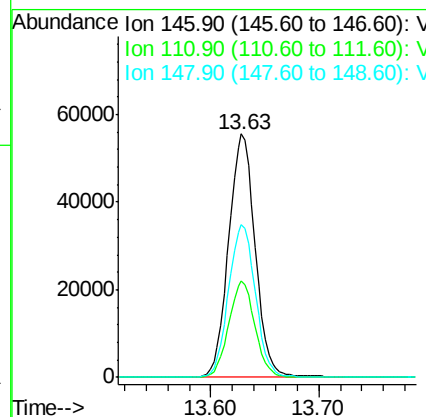
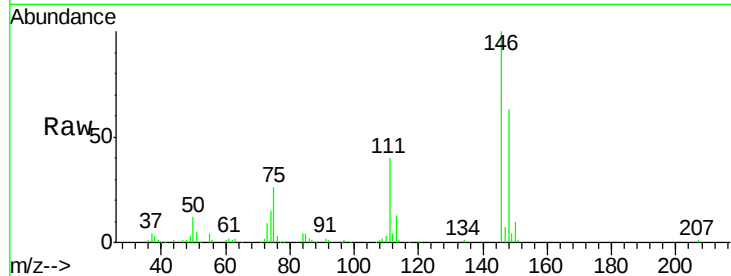
#91
 1,2-Dichlorobenzene
 Concen: 19.099 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.4
148	63.4	32.5	97.5

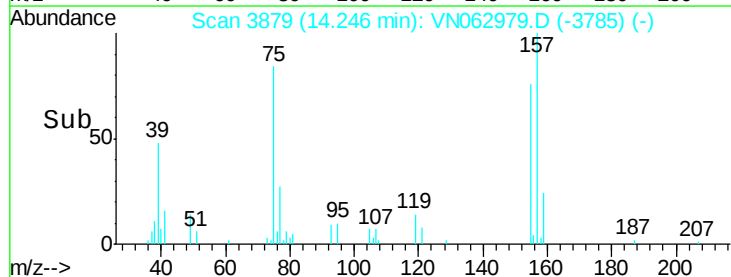
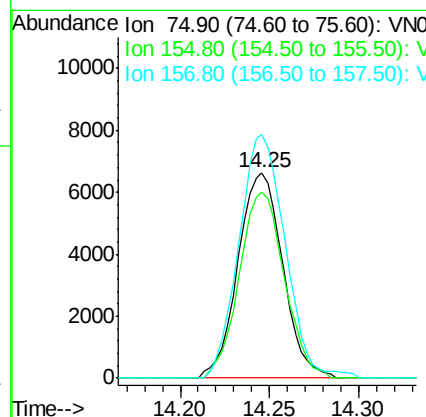
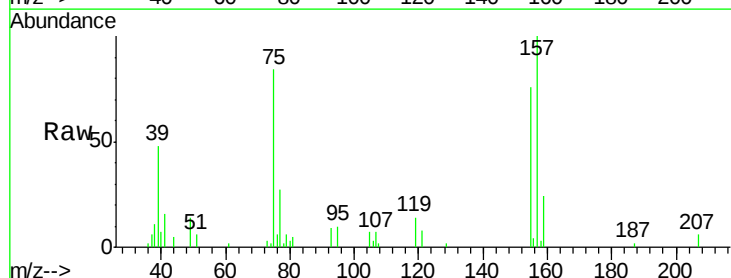
Manual Integrations
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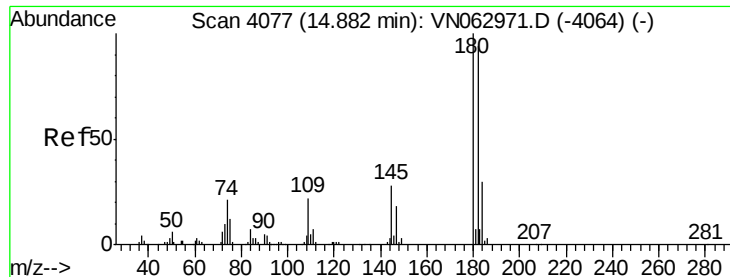
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.602 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	47.6	142.8
157	122.3	61.4	184.1





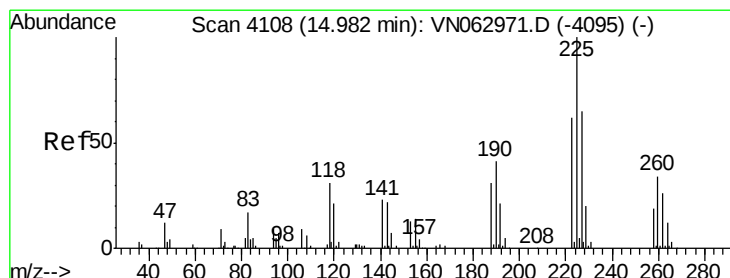
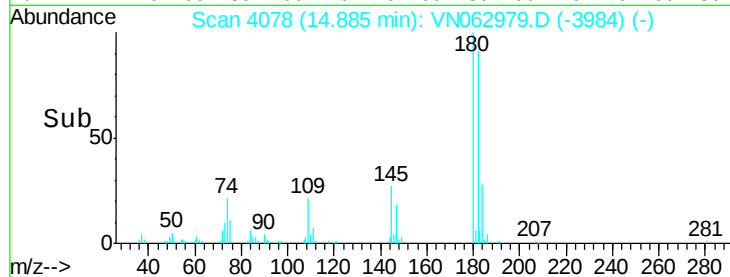
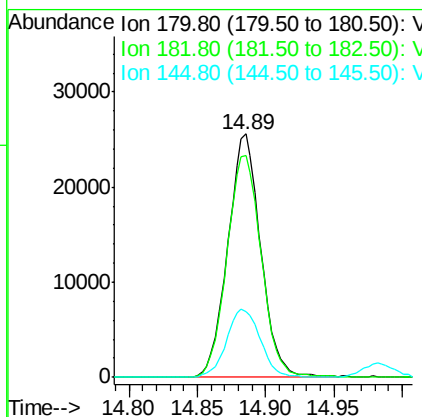
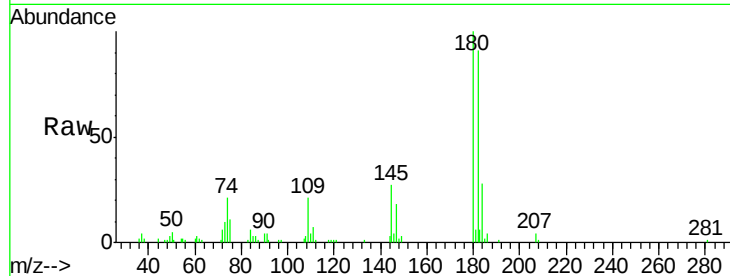
#93
 1,2,4-Trichlorobenzene
 Concen: 18.050 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	42907		
182	95.0	47.8	143.3	
145	28.6	13.9	41.7	

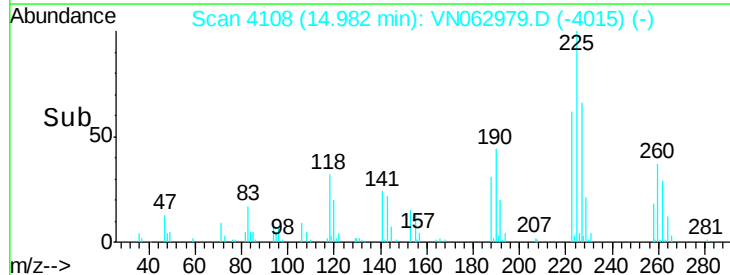
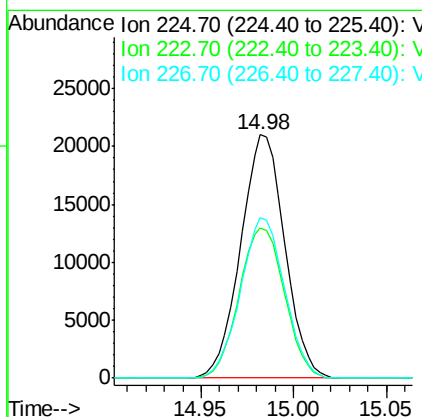
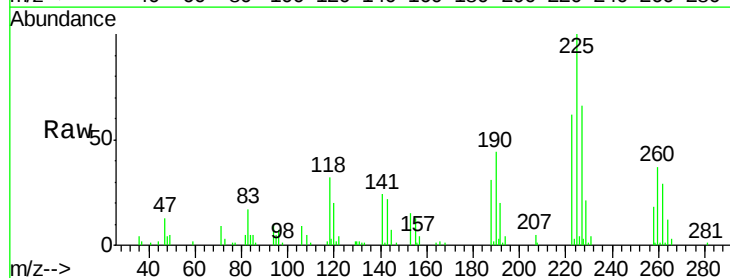
Manual Integrations
 APPROVED

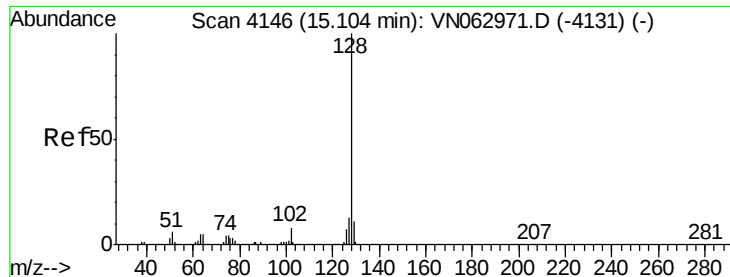
MMDadoda
 8/18/2020 11:13:05 AM



#94
 Hexachlorobutadiene
 Concen: 17.914 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34630		
223	63.6	30.9	92.5	
227	65.8	32.0	96.0	





#95

Naphthalene

Concen: 19.215 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

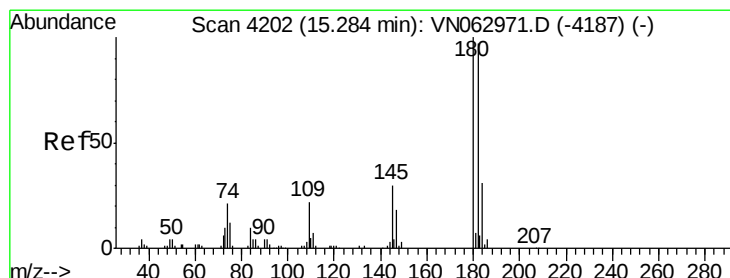
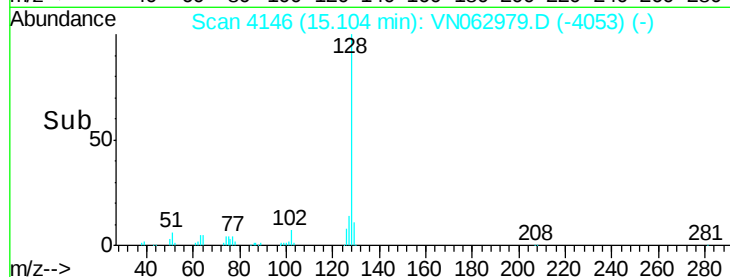
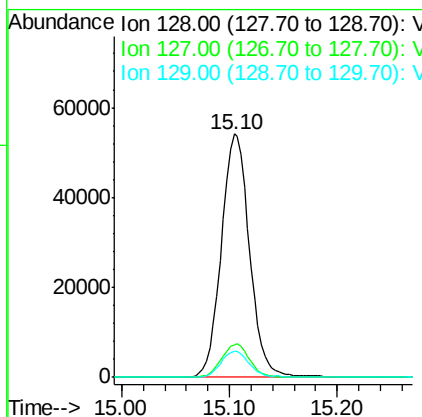
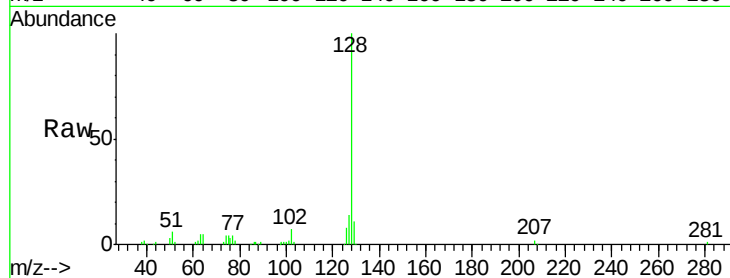
ClientSampleId :

VN0817WBS01

Tot Ion:	128	Resp:	98436
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/18/2020 11:13:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.397 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Tgt Ion:	180	Resp:	44522
Ion Ratio	Lower	Upper	
180	100		
182	93.5	49.3	147.8
145	28.6	15.0	45.0

