

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061479.D
 Acq On : 19 May 2020 13:24
 Operator : JC/MD
 Sample : VN0519WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Manual Integrations
 APPROVED

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 5/22/2020 11:28:51 AM

Quant Time: May 20 09:21:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	259442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	176864	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
35) Dibromofluoromethane	7.54	113	119298	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	10.06	98	514244	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
62) 4-Bromofluorobenzene	12.37	95	192707	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41598	19.283	ug/l	99
3) Chloromethane	2.03	50	61622	17.513	ug/l	100
4) Vinyl Chloride	2.16	62	88105	17.496	ug/l	98
5) Bromomethane	2.54	94	49962	16.985	ug/l	97
6) Chloroethane	2.67	64	59401	17.526	ug/l	98
7) Trichlorofluoromethane	2.98	101	112230	18.358	ug/l	96
8) Diethyl Ether	3.37	74	34024	19.107	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	49316	19.398	ug/l	100
10) Methyl Iodide	3.91	142	59497	19.268	ug/l	98
11) Tert butyl alcohol	4.72	59	49754	111.519	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	48262	18.148	ug/l	94
13) Acrolein	3.56	56	23725	59.876	ug/l	99
14) Allyl chloride	4.27	41	76959	17.782	ug/l	99
15) Acrylonitrile	4.92	53	121399	91.844	ug/l	99
16) Acetone	3.77	43	98703	92.430	ug/l	98
17) Carbon Disulfide	4.00	76	126154	20.202	ug/l	98
18) Methyl Acetate	4.27	43	51159	18.593	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	191177	18.944	ug/l	100
20) Methylene Chloride	4.50	84	58390	18.349	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	56319	18.366	ug/l	95
22) Diisopropyl ether	5.90	45	179083	18.414	ug/l	95
23) Vinyl Acetate	5.84	43	714828	92.430	ug/l	99
24) 1,1-Dichloroethane	5.79	63	104953	18.502	ug/l	98
25) 2-Butanone	6.78	43	156459	88.747	ug/l	97
26) 2,2-Dichloropropane	6.77	77	98184	18.157	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69961	19.314	ug/l	95
28) Bromochloromethane	7.15	49	46699	19.395	ug/l	94
29) Tetrahydrofuran	7.16	42	106376	91.109	ug/l	99
30) Chloroform	7.33	83	113487	19.155	ug/l	100
31) Cyclohexane	7.61	56	94235	16.903	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	99907	18.453	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80179	18.270	ug/l	99
37) Ethyl Acetate	6.88	43	65637	16.492	ug/l	97
38) Carbon Tetrachloride	7.73	117	76605	18.957	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	97084	18.112	ug/l	98
40) Benzene	8.00	78	248674	18.803	ug/l	100
41) Methacrylonitrile	7.13	41	31042m	18.467	ug/l	
42) 1,2-Dichloroethane	8.08	62	92987	19.515	ug/l	99
43) Isopropyl Acetate	8.12	43	125019	18.011	ug/l	99
44) Trichloroethene	8.80	130	68173	19.673	ug/l	94
45) 1,2-Dichloropropane	9.08	63	62292	18.818	ug/l	99
46) Dibromomethane	9.17	93	45347	19.541	ug/l	97
47) Bromodichloromethane	9.37	83	93102	19.042	ug/l	98
48) Methyl methacrylate	9.16	41	57018	17.781	ug/l	98
49) 1,4-Dioxane	9.16	88	19745	569.184	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	347447	91.884	ug/l	100
52) Toluene	10.12	92	161471	19.017	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	102232	19.077	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	107236	18.824	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	63950	19.922	ug/l	97
56) Ethyl methacrylate	10.40	69	93357	18.602	ug/l	99
57) 1,3-Dichloropropane	10.68	76	109402	19.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	185099	84.028	ug/l	98
59) 2-Hexanone	10.72	43	246271	90.019	ug/l	100
60) Dibromochloromethane	10.87	129	68097	19.178	ug/l	100
61) 1,2-Dibromoethane	10.98	107	65108	19.290	ug/l	100
64) Tetrachloroethene	10.60	164	64349	18.862	ug/l	98
65) Chlorobenzene	11.41	112	171366	19.056	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	60736	18.839	ug/l	99
67) Ethyl Benzene	11.48	91	314878	19.182	ug/l	97
68) m/p-Xylenes	11.59	106	238441	38.269	ug/l	100
69) o-Xylene	11.92	106	115081	19.086	ug/l	98
70) Styrene	11.94	104	188280	18.857	ug/l	99
71) Bromoform	12.10	173	40911	17.680	ug/l #	97
73) Isopropylbenzene	12.22	105	304069	18.492	ug/l	100
74) N-amyl acetate	12.04	43	104527	17.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85167	18.826	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	77558m	17.647	ug/l	
77) Bromobenzene	12.50	156	68747	19.265	ug/l	97
78) n-propylbenzene	12.56	91	347485	18.547	ug/l	98
79) 2-Chlorotoluene	12.65	91	203734	18.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	253334	18.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28322	17.095	ug/l	99
82) 4-Chlorotoluene	12.75	91	212234	18.509	ug/l	99
83) tert-Butylbenzene	12.97	119	215270	18.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	255483	18.961	ug/l	99
85) sec-Butylbenzene	13.15	105	286381	18.364	ug/l	100
86) p-Isopropyltoluene	13.26	119	255475	18.449	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	124443	19.054	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124332	19.009	ug/l	98
89) n-Butylbenzene	13.59	91	224304	17.829	ug/l	99
90) Hexachloroethane	13.85	117	33042	17.606	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	122684	19.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16799	18.383	ug/l	99

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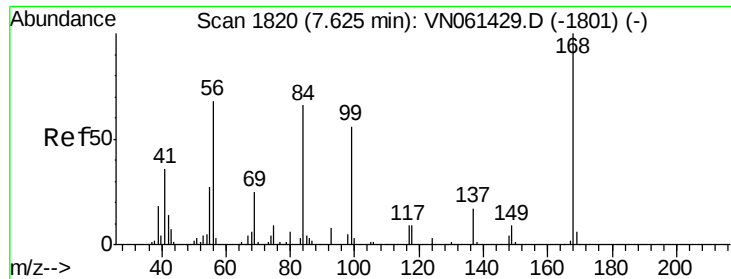
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	66909	19.697	ug/l	98
94) Hexachlorobutadiene	14.98	225	26407	17.496	ug/l	98
95) Naphthalene	15.10	128	211775	19.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64643	19.116	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tot Ion:168 Resp: 259442

Ion Ratio Lower Upper

168 100

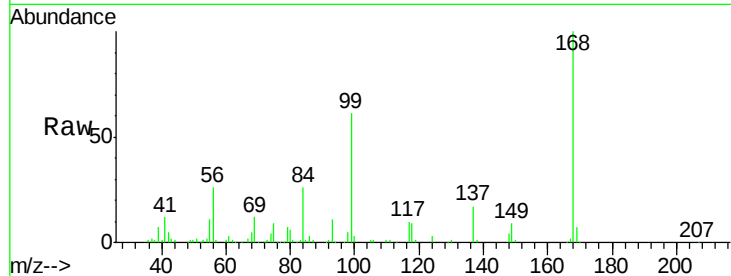
99 61.2 51.1 76.7

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

7.62

120000

100000

80000

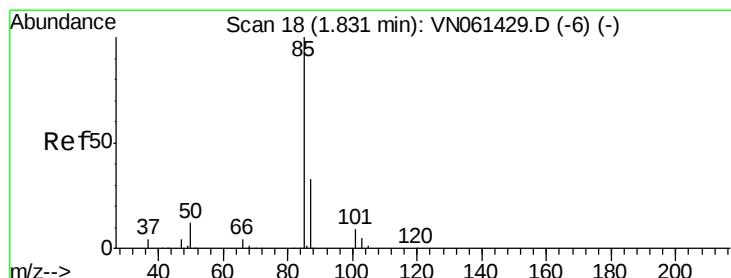
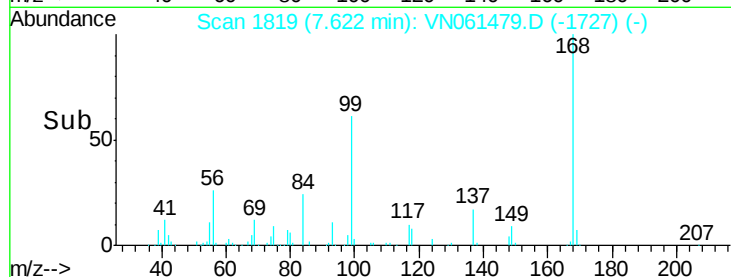
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.283 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061479.D

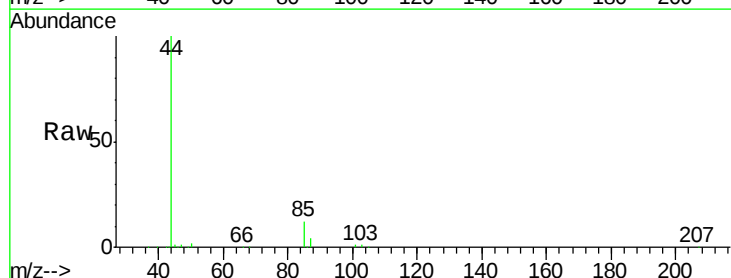
Acq: 19 May 2020 13:24

Tgt Ion: 85 Resp: 41598

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

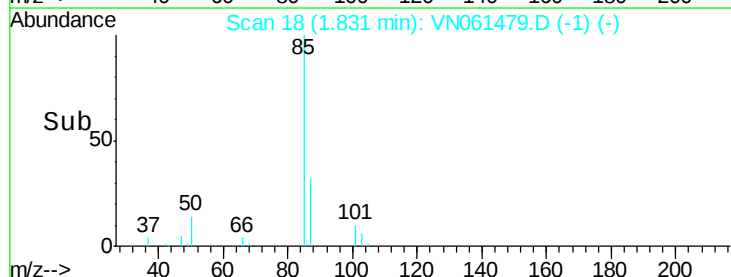
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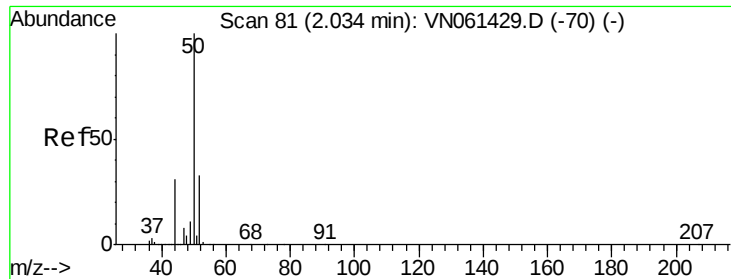
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.513 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tot Ion: 50 Resp: 61622

Ion Ratio Lower Upper

50 100

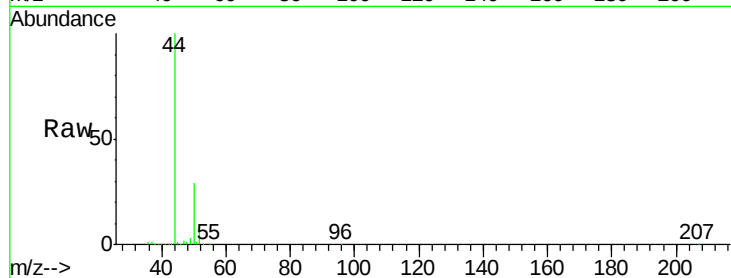
52 33.6 26.7 40.1

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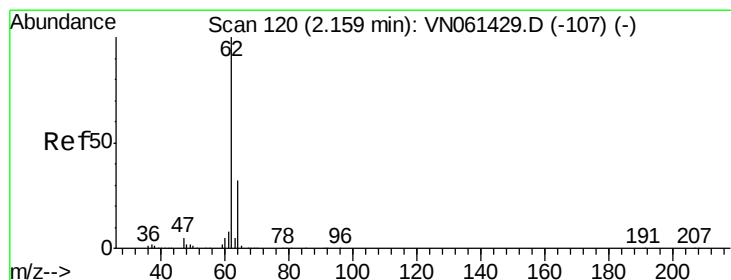
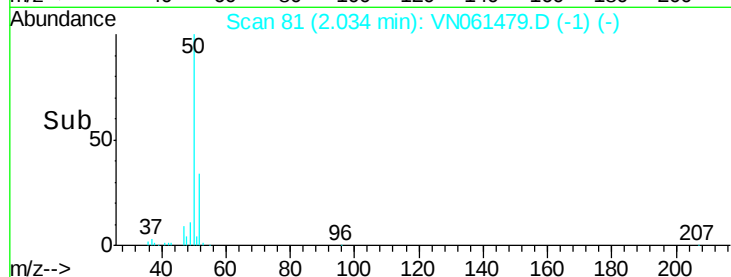
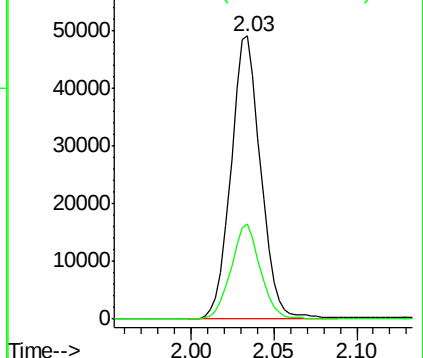
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.496 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061479.D

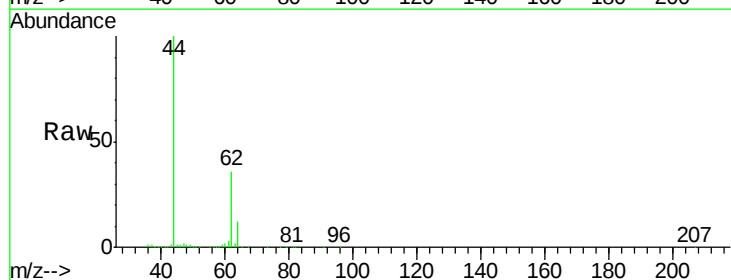
Acq: 19 May 2020 13:24

Tgt Ion: 62 Resp: 88105

Ion Ratio Lower Upper

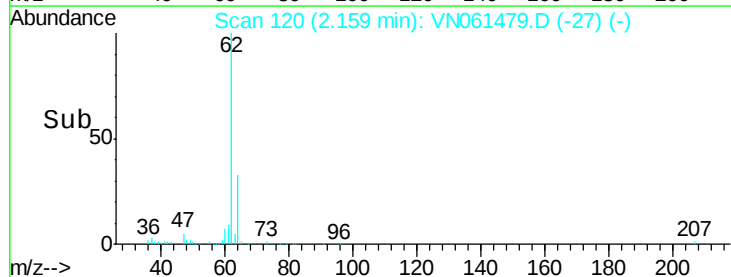
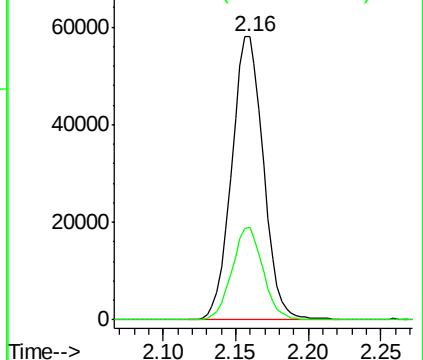
62 100

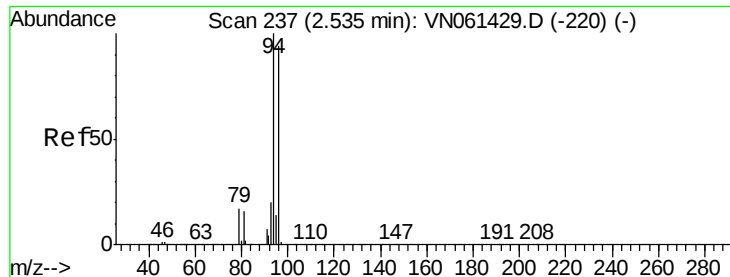
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.985 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

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Tot Ion: 94 Resp: 49962

Ion Ratio Lower Upper

94 100

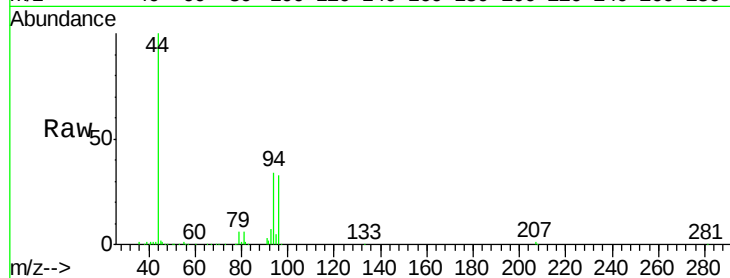
96 96.4 74.9 112.3

Manual Integrations

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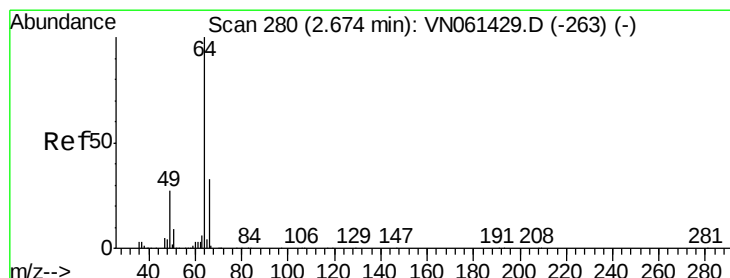
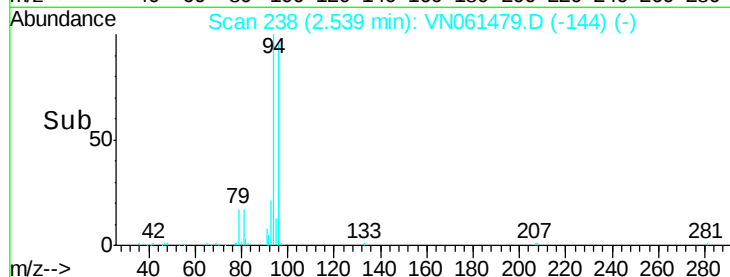


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

Time-->



#6

Chloroethane

Concen: 17.526 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061479.D

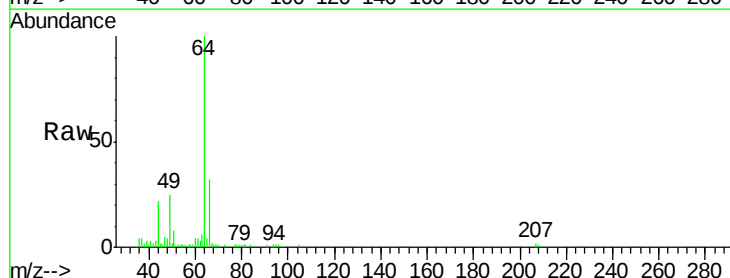
Acq: 19 May 2020 13:24

Tgt Ion: 64 Resp: 59401

Ion Ratio Lower Upper

64 100

66 31.9 26.3 39.5

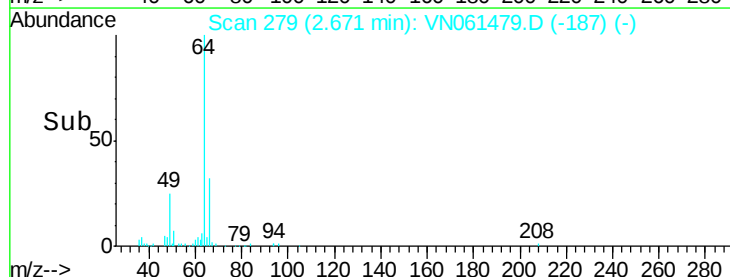


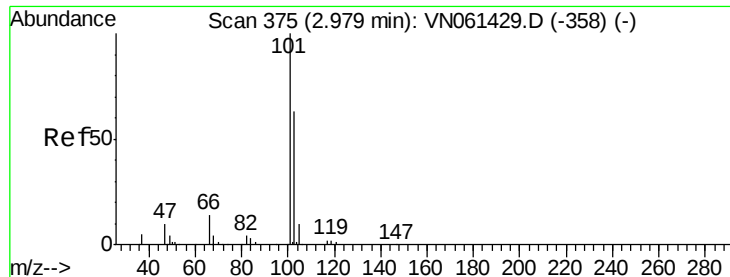
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

Time-->





#7

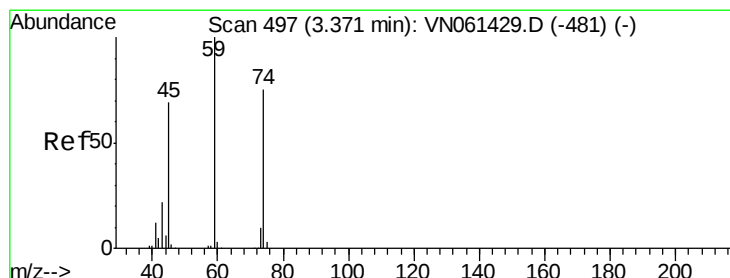
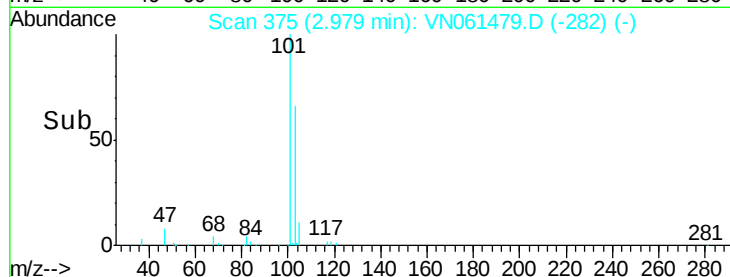
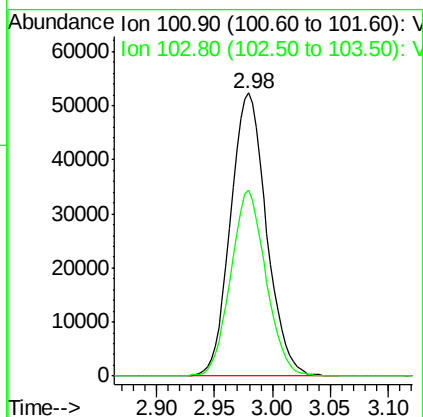
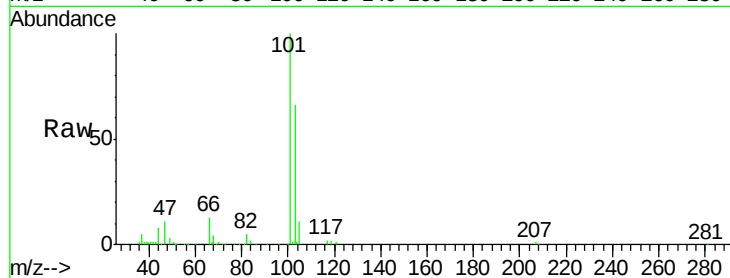
Trichlorofluoromethane
 Concen: 18.358 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

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 VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.2	75.4

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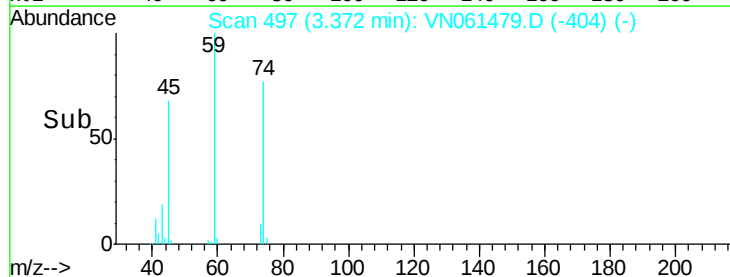
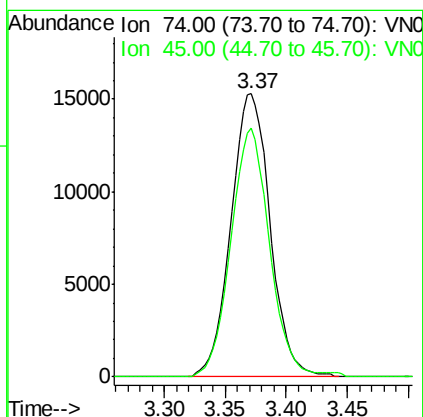
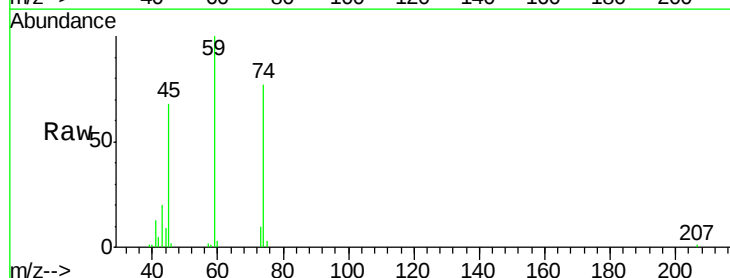
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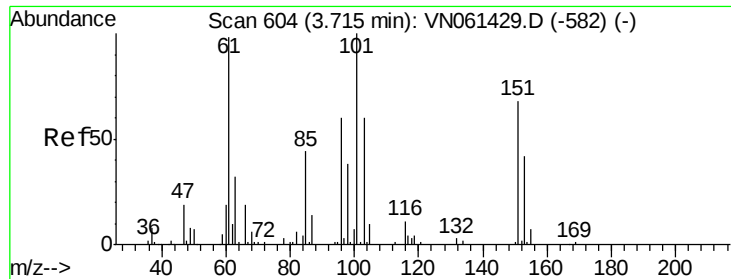


#8

Diethyl Ether
 Concen: 19.107 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.8	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.398 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061479.D

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MSVOA_N

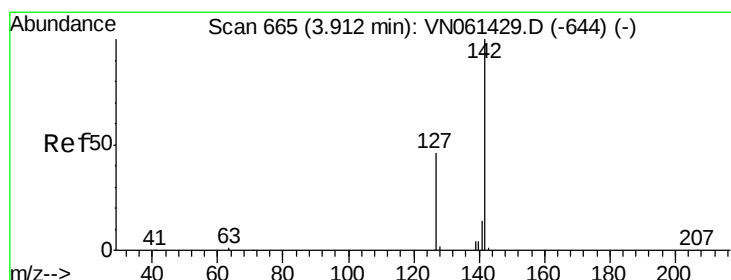
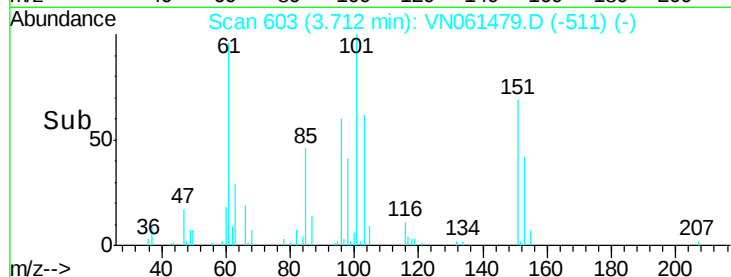
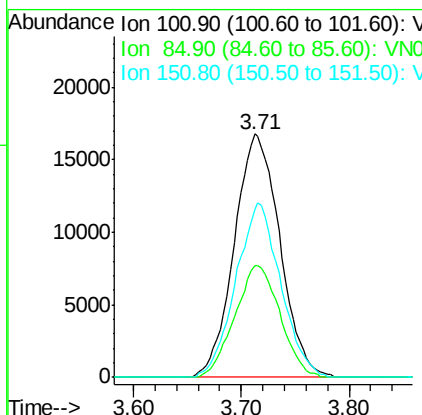
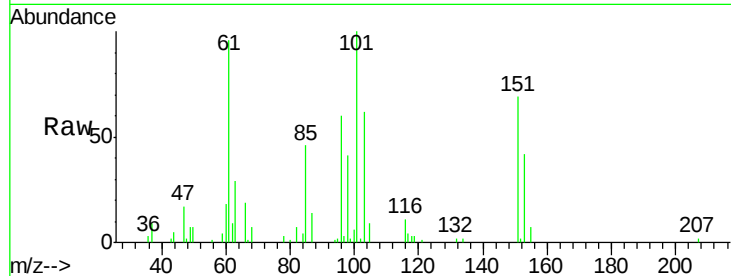
ClientSampleId :

VN0519WBSD01

Tot Ion:	101	Resp:	49316
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	55.0
151	70.4	56.3	84.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.268 ug/l

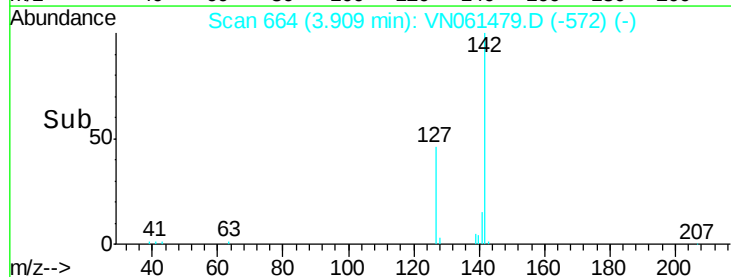
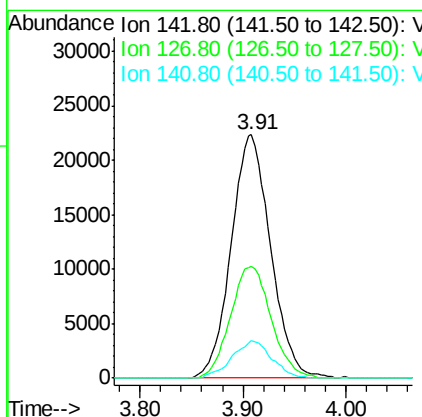
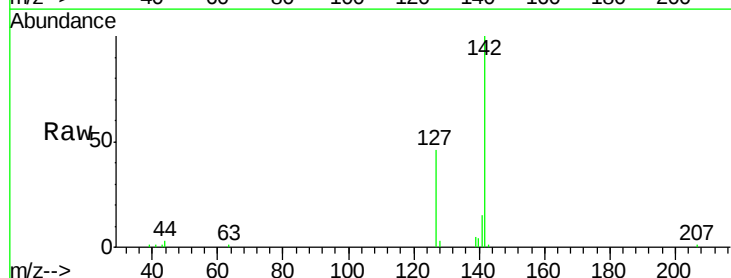
RT: 3.91 min Scan# 664

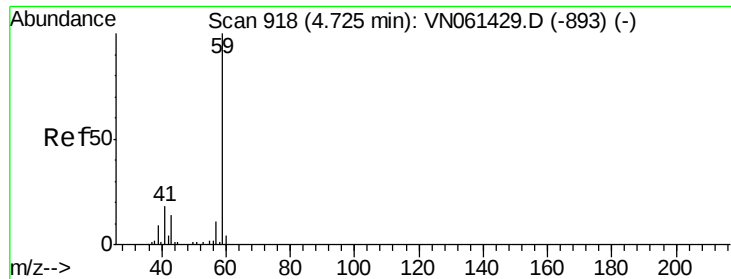
Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	142	Resp:	59497
Ion Ratio	Lower	Upper	
142	100		
127	47.3	36.7	55.1
141	15.4	11.5	17.3





#11

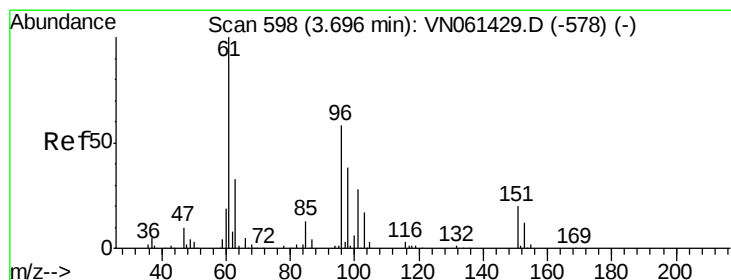
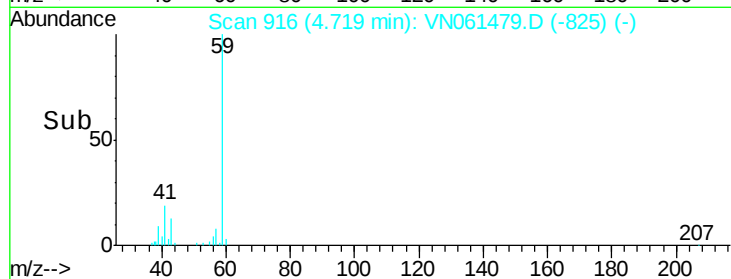
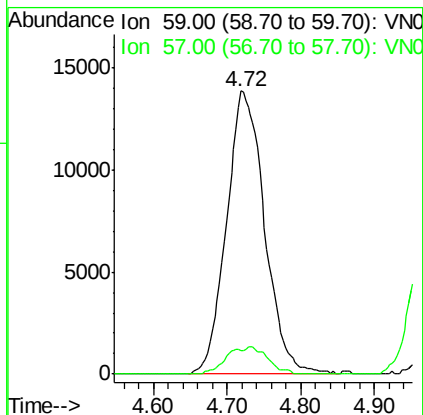
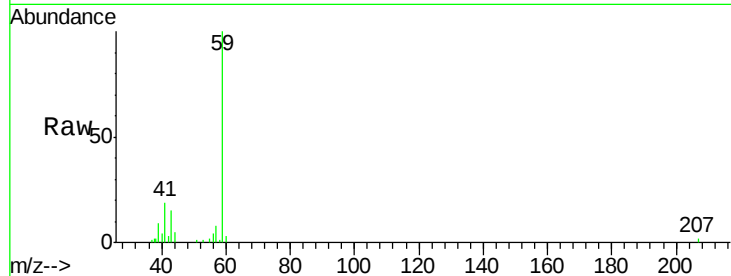
Tert butyl alcohol
Concen: 111.519 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.2	12.2#

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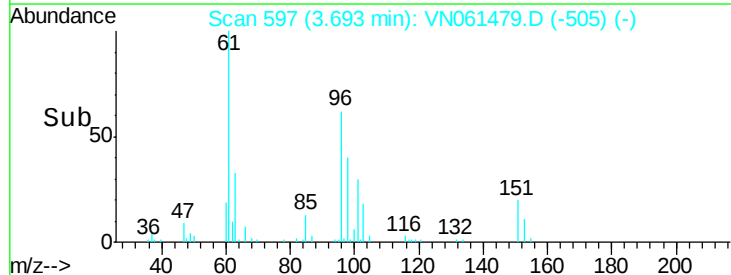
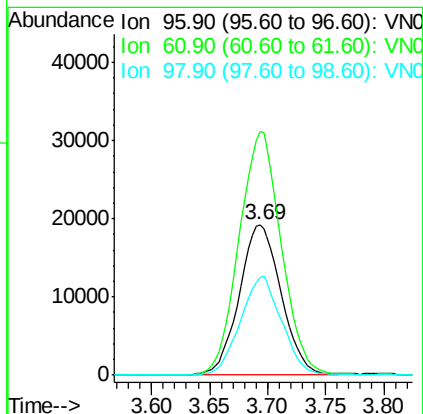
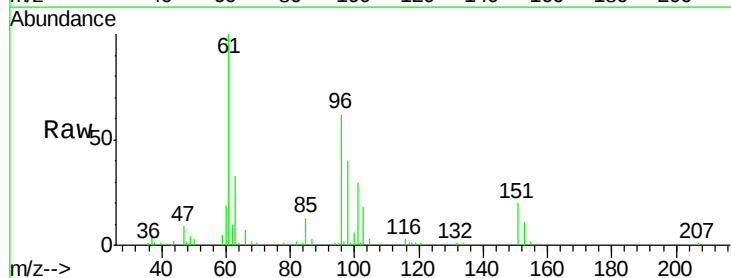
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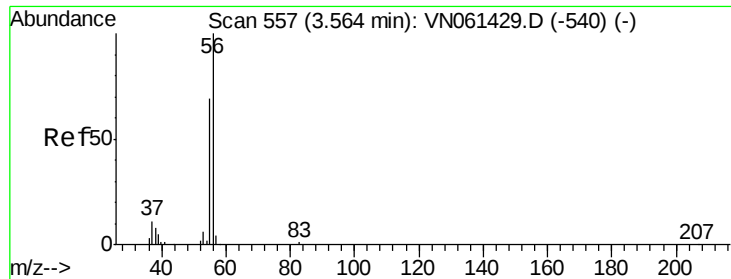


#12

1,1-Dichloroethene
Concen: 18.148 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.1	138.7	208.1
98	65.1	53.0	79.6





#13

Acrolein

Concen: 59.876 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tot Ion: 56 Resp: 23725

Ion Ratio Lower Upper

56 100

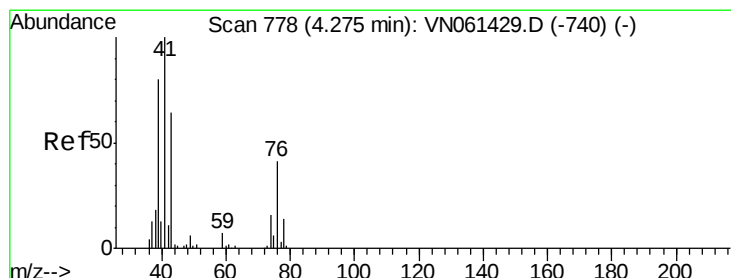
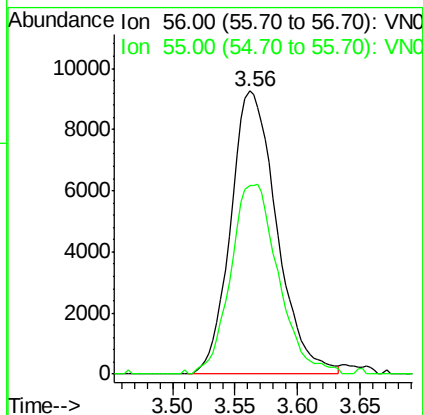
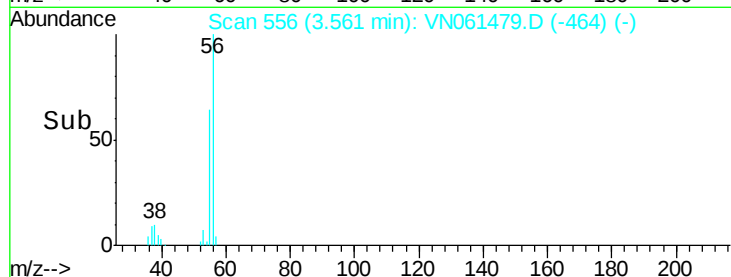
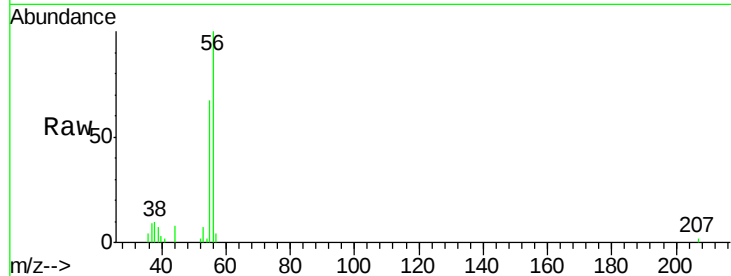
55 69.2 54.8 82.2

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#14

Allyl chloride

Concen: 17.782 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

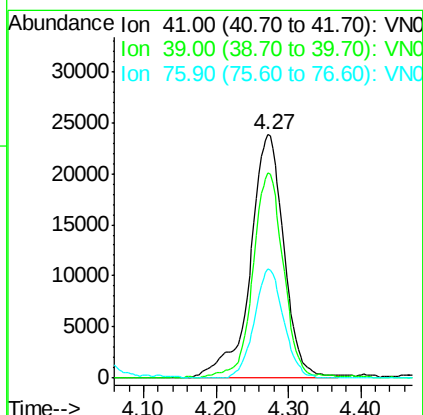
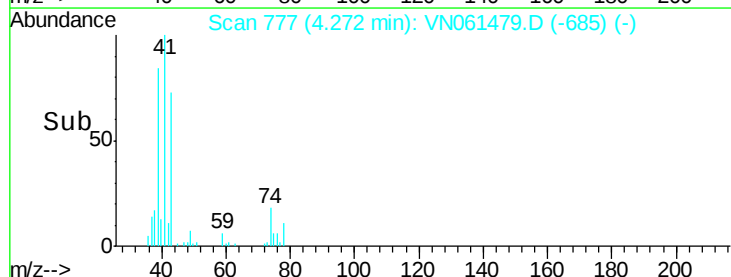
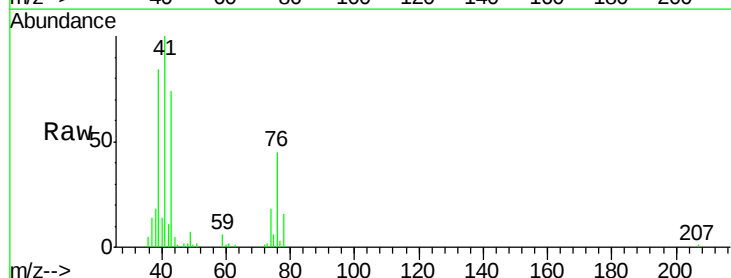
Tgt Ion: 41 Resp: 76959

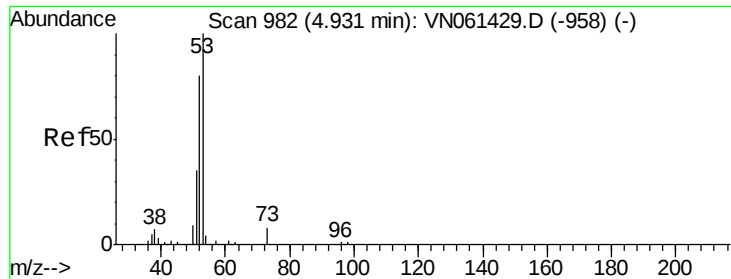
Ion Ratio Lower Upper

41 100

39 75.9 61.2 91.8

76 39.0 29.9 44.9





#15

Acrylonitrile

Concen: 91.844 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

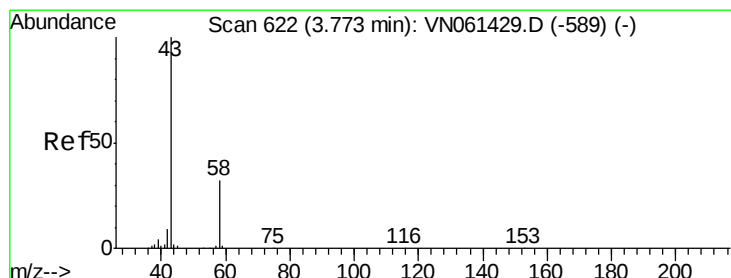
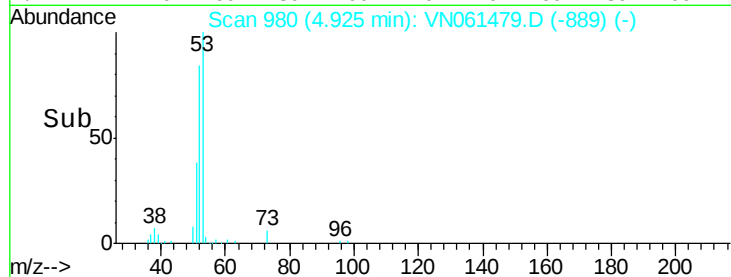
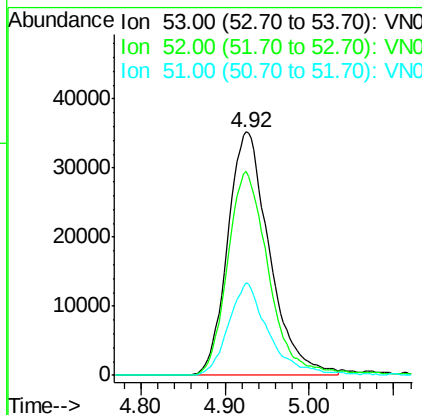
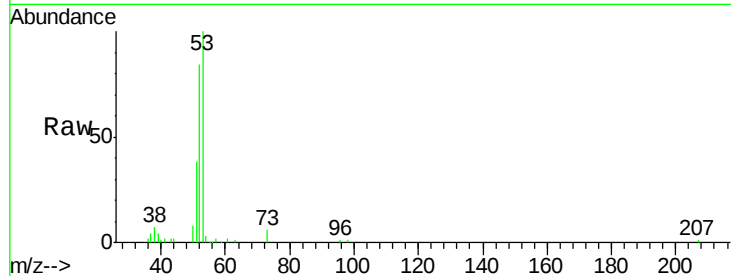
ClientSampleId :

VN0519WBSD01

Tot Ion:	53	Resp:	121399
Ion Ratio		Lower	Upper
53	100		
52	81.7	64.7	97.1
51	36.7	29.5	44.3

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#16

Acetone

Concen: 92.430 ug/l

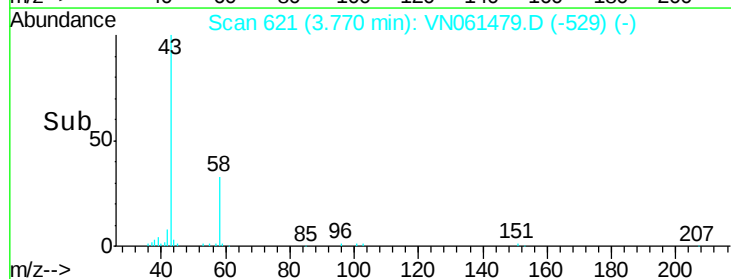
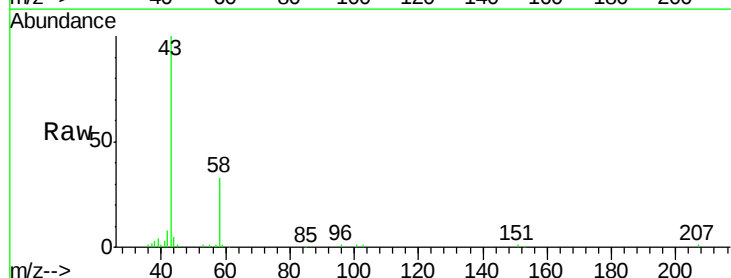
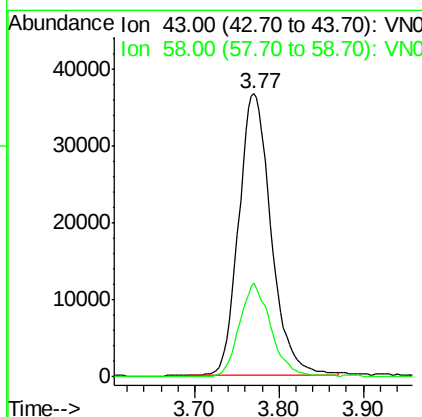
RT: 3.77 min Scan# 621

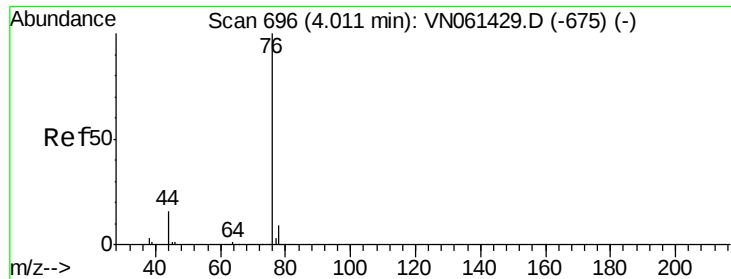
Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	43	Resp:	98703
Ion Ratio		Lower	Upper
43	100		
58	33.2	25.6	38.4





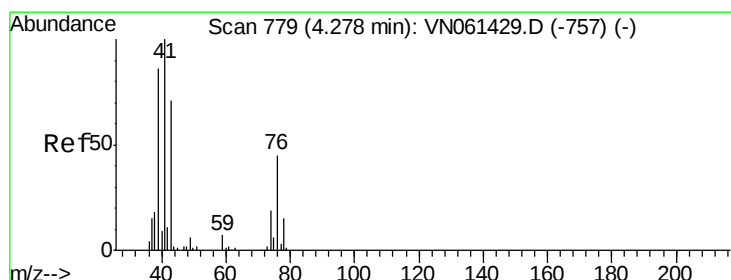
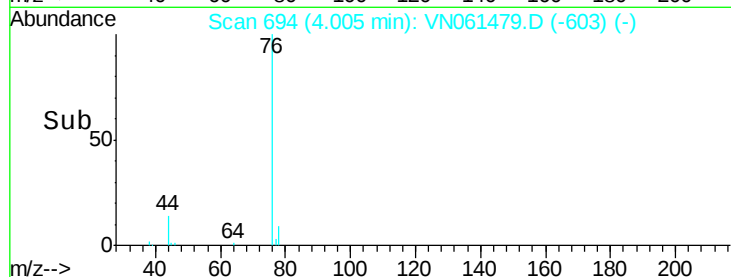
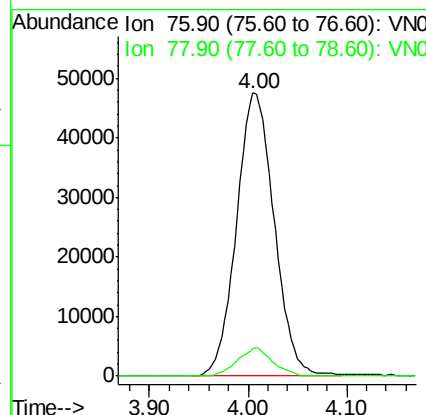
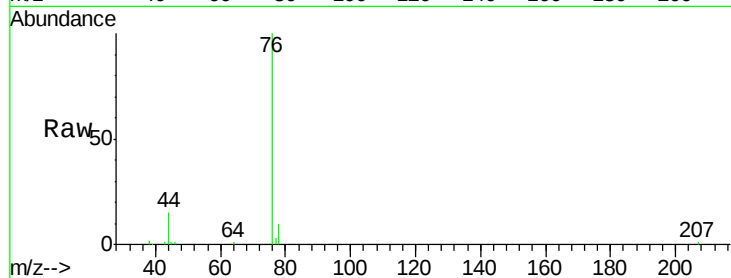
#17
Carbon Disulfide
Concen: 20.202 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.01 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion: 76 Resp: 126154
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

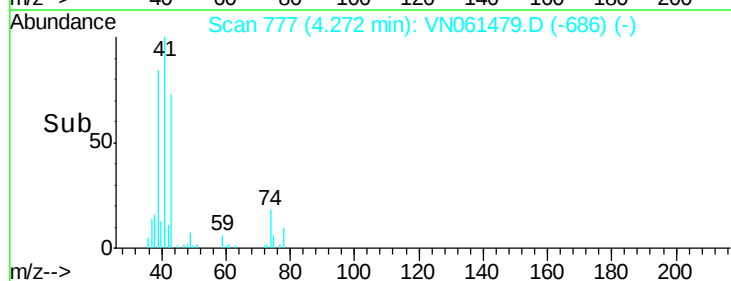
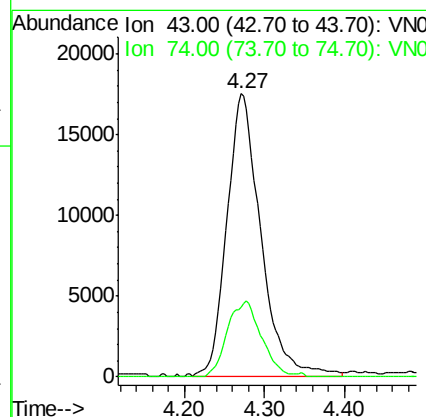
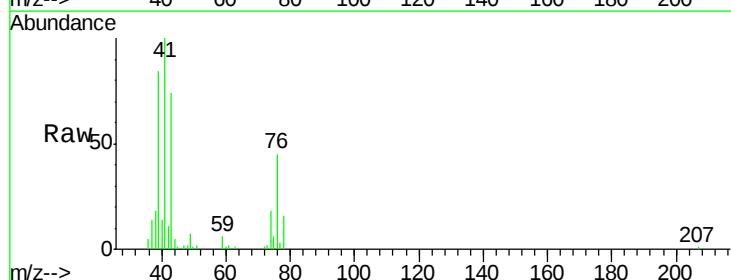
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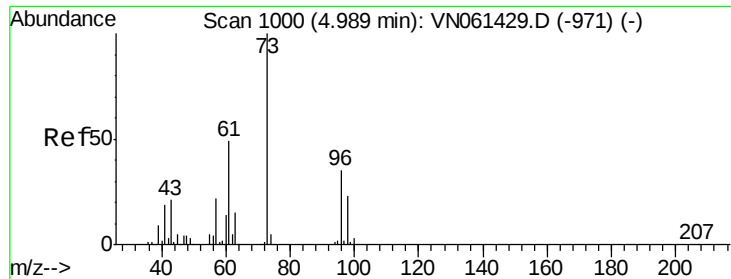
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#18
Methyl Acetate
Concen: 18.593 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion: 43 Resp: 51159
Ion Ratio Lower Upper
43 100
74 26.5 20.8 31.2





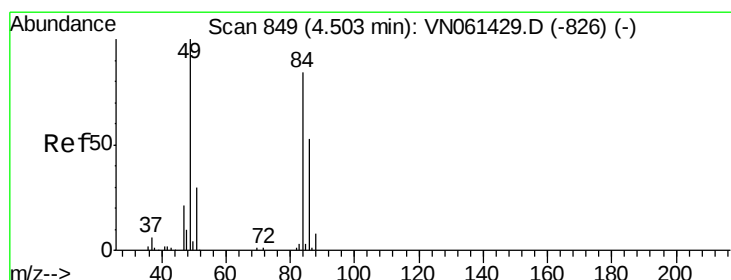
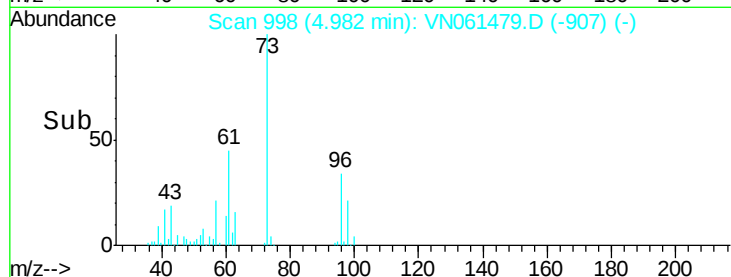
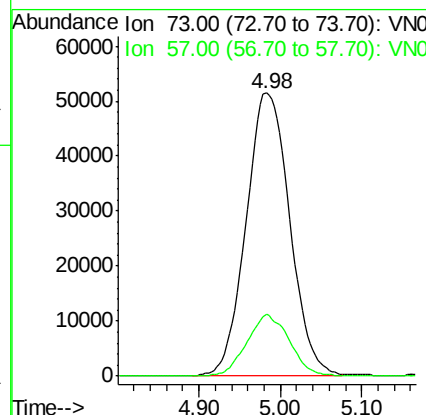
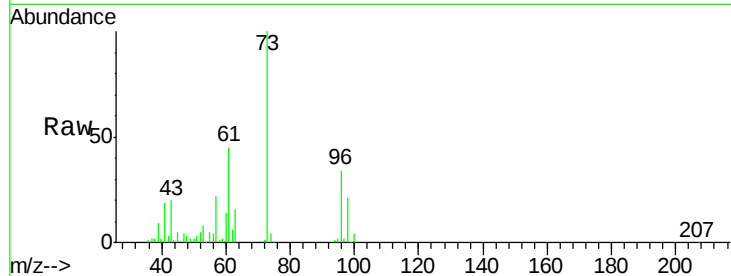
#19
Methvl tert-butvl Ether
Concen: 18.944 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion: 73 Resp: 191177
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0

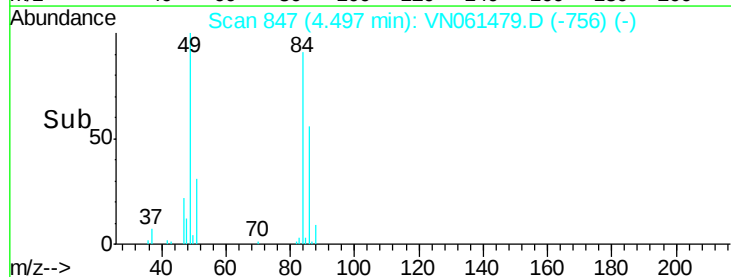
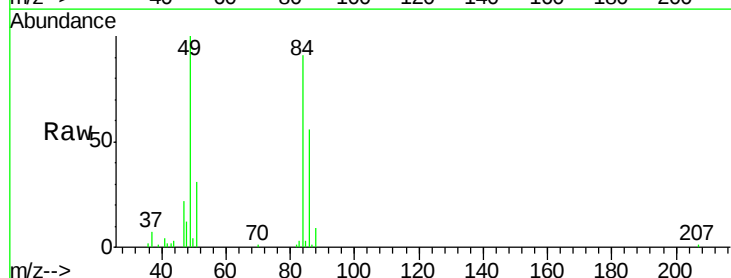
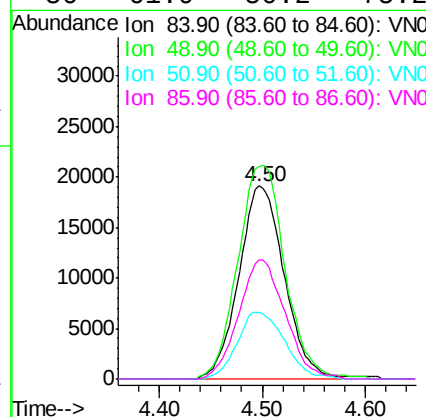
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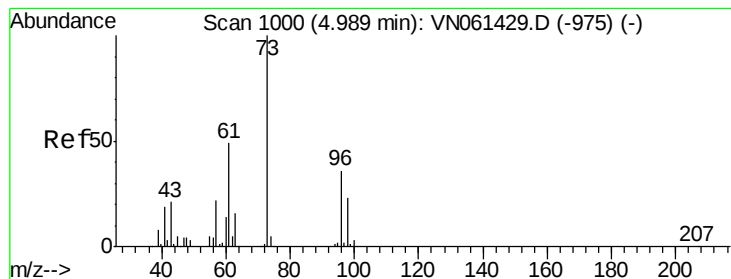
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#20
Methylene Chloride
Concen: 18.349 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion: 84 Resp: 58390
Ion Ratio Lower Upper
84 100
49 110.2 95.3 142.9
51 34.4 29.0 43.6
86 61.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.366 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tot Ion: 96 Resp: 56319

Ion Ratio Lower Upper

96 100

61 131.3 109.8 164.6

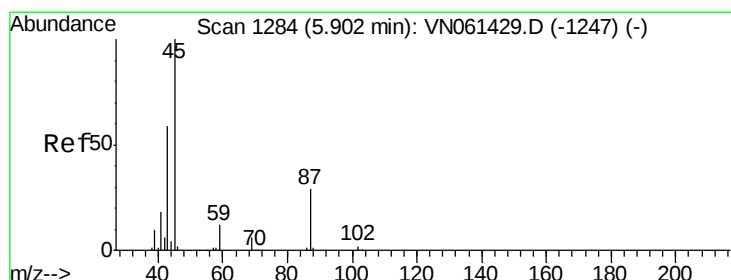
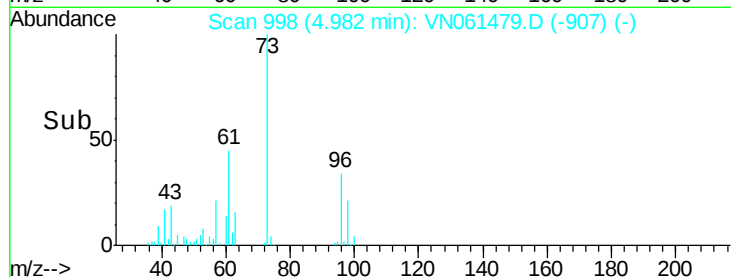
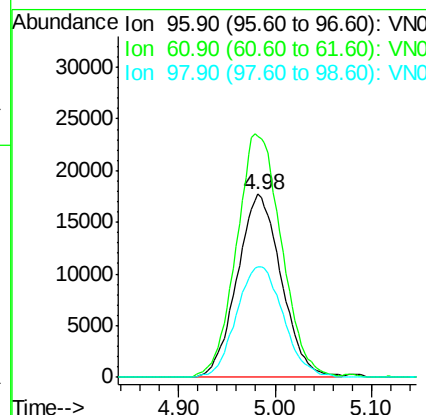
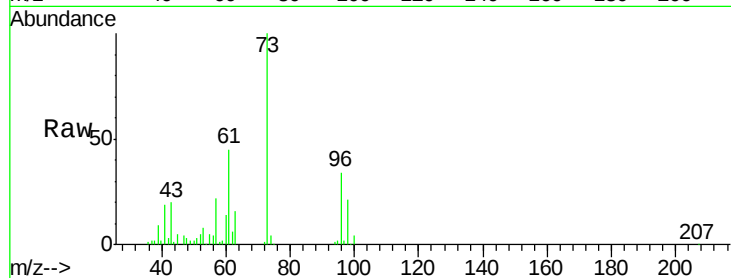
98 60.1 52.4 78.6

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#22

Diisopropyl ether

Concen: 18.414 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion: 45 Resp: 179083

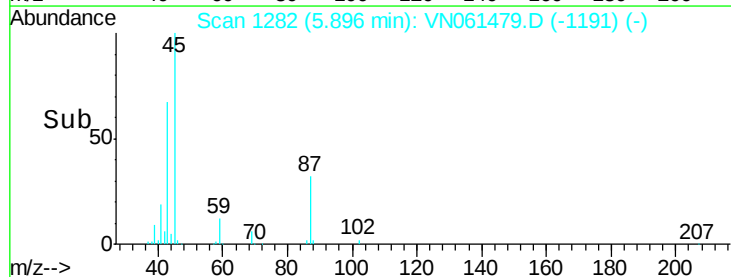
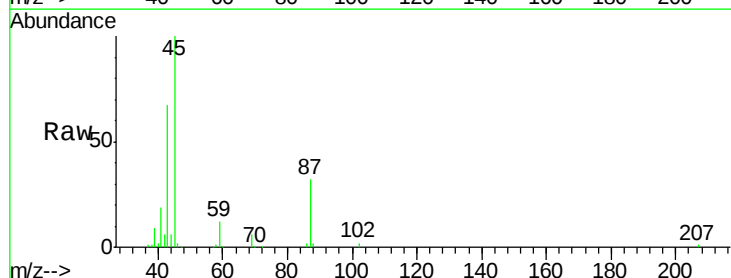
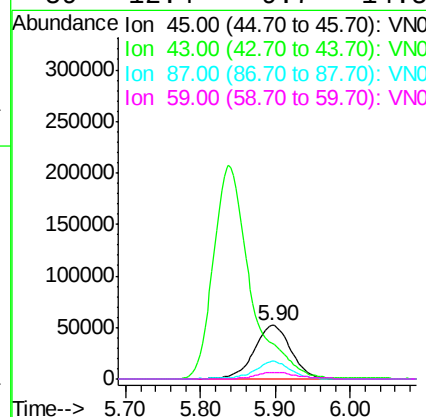
Ion Ratio Lower Upper

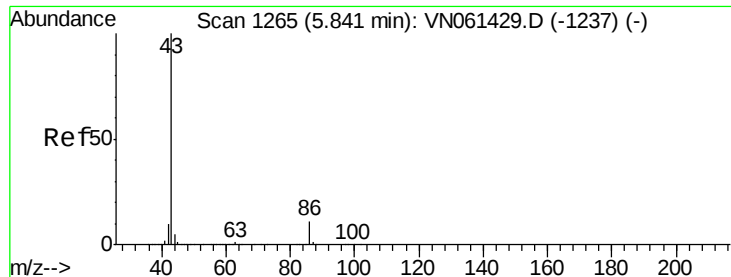
45 100

43 64.4 47.9 71.9

87 32.4 24.0 36.0

59 12.4 9.7 14.5





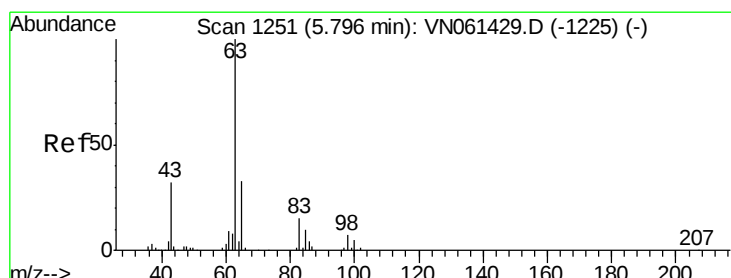
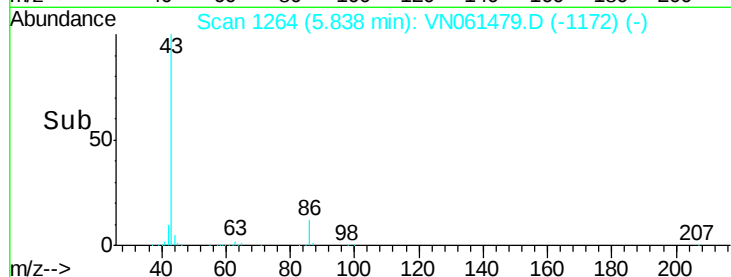
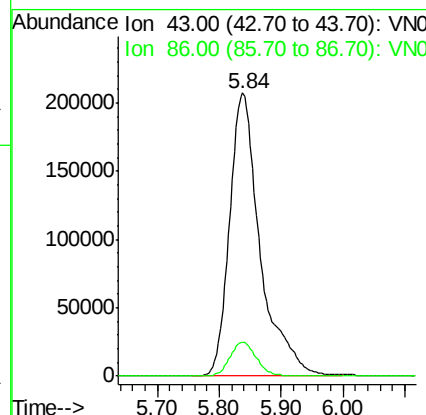
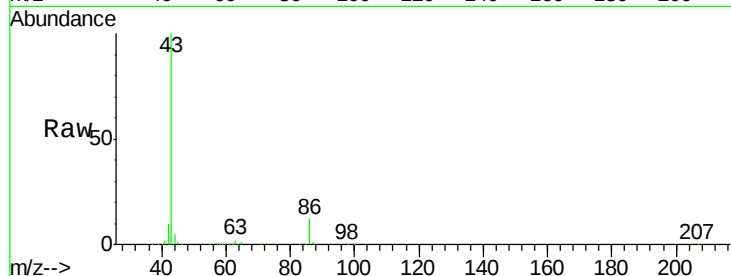
#23
 Vinyl Acetate
 Concen: 92.430 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	43	Resp	714828
Ion Ratio	Lower	Upper	
43	100		
86	12.0	9.1	13.7

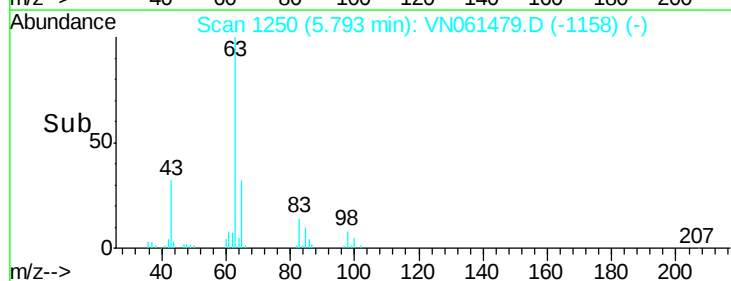
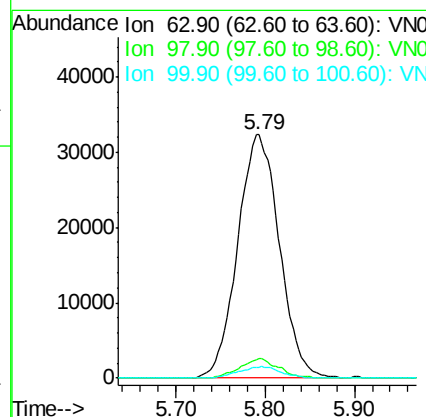
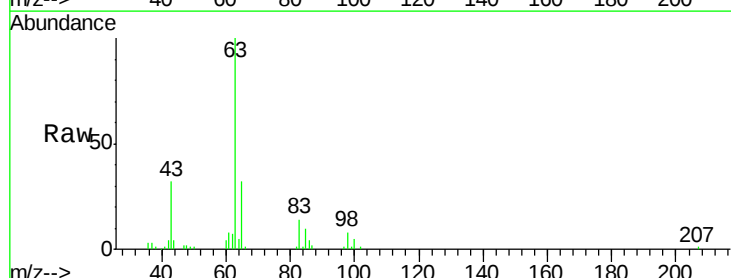
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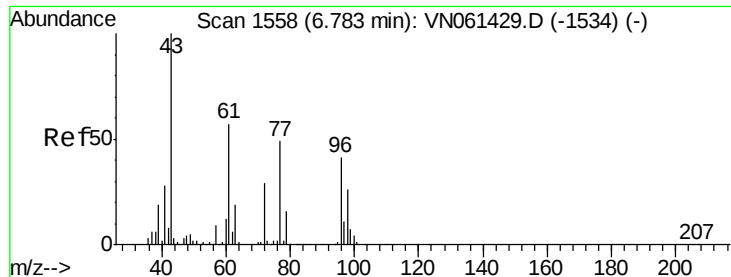
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#24
 1,1-Dichloroethane
 Concen: 18.502 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	63	Resp	104953
Ion Ratio	Lower	Upper	
63	100		
98	8.1	3.5	10.5
100	4.6	2.3	6.9





#25

2-Butanone

Concen: 88.747 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tot Ion: 43 Resp: 156459

Ion Ratio Lower Upper

43 100

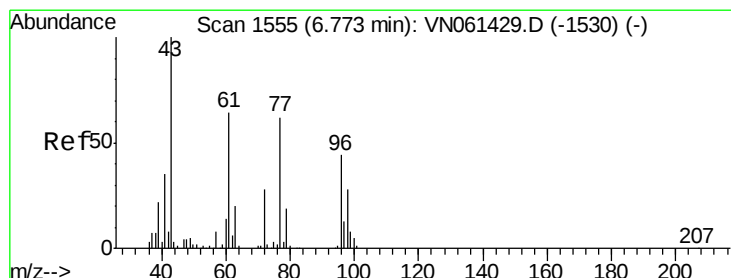
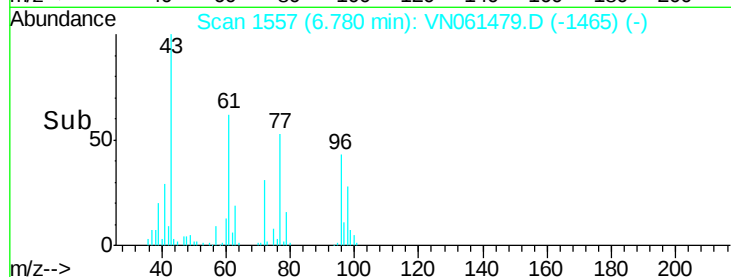
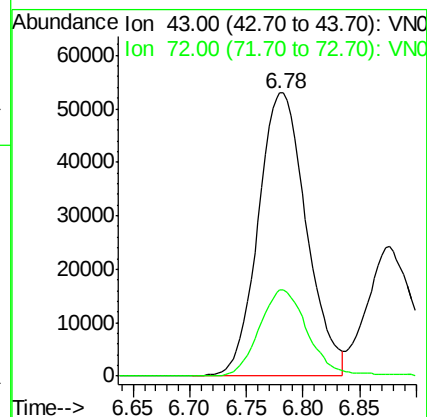
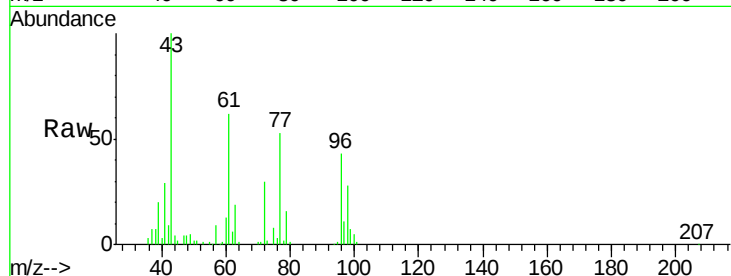
72 30.4 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.157 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN061479.D

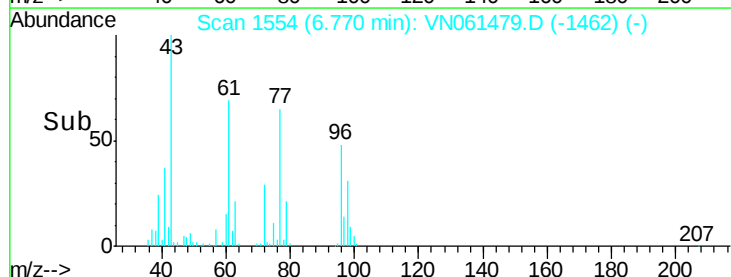
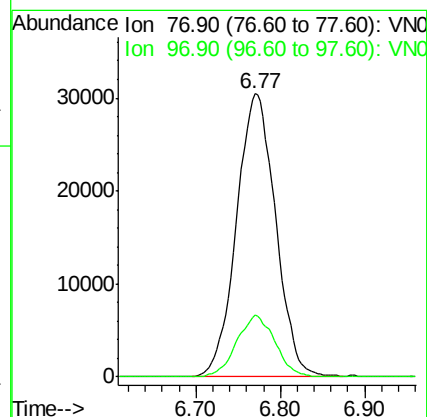
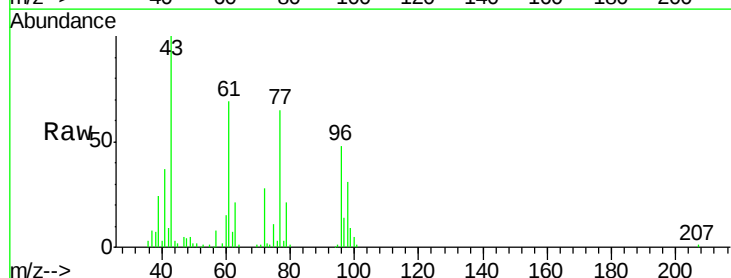
Acq: 19 May 2020 13:24

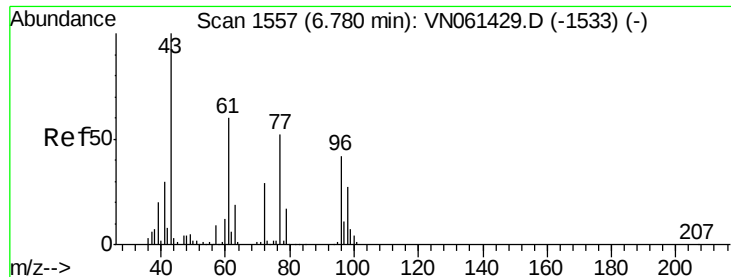
Tgt Ion: 77 Resp: 98184

Ion Ratio Lower Upper

77 100

97 21.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.314 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

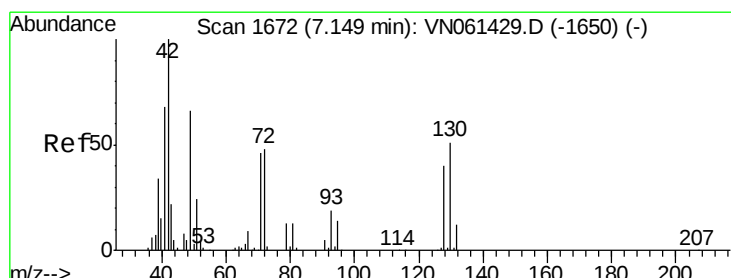
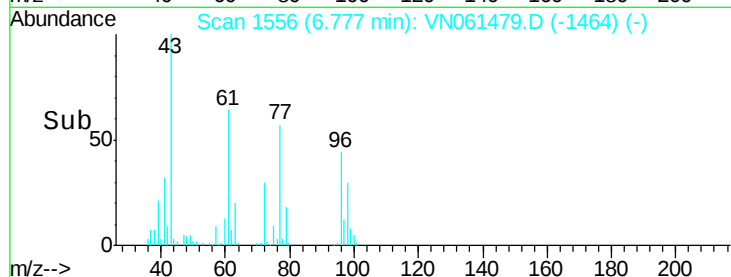
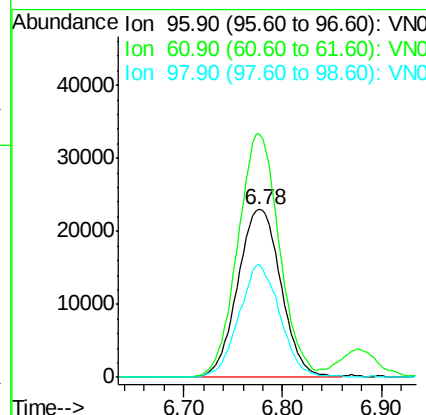
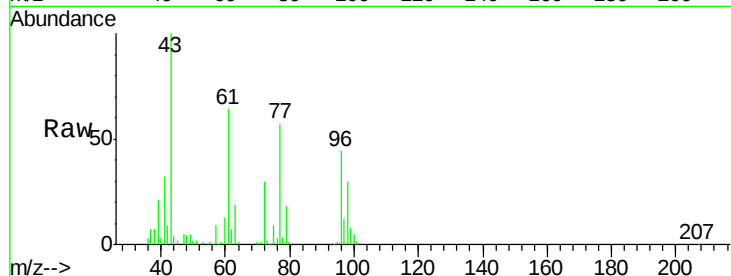
ClientSampleId :

VN0519WBSD01

Tot Ion:	96	Resp:	69961
Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	294.2
98	63.5	0.0	128.2

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#28

Bromochloromethane

Concen: 19.395 ug/l

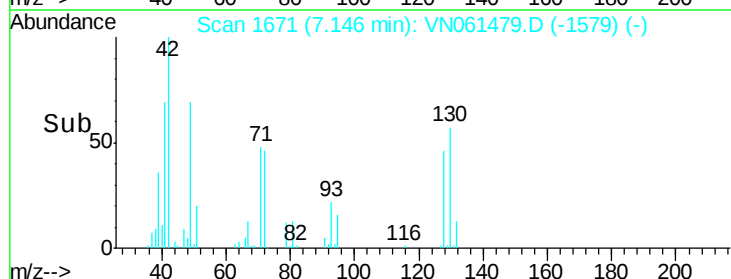
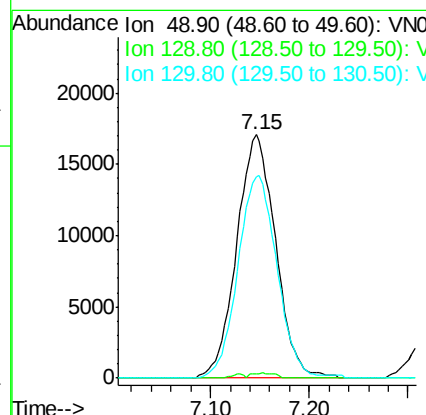
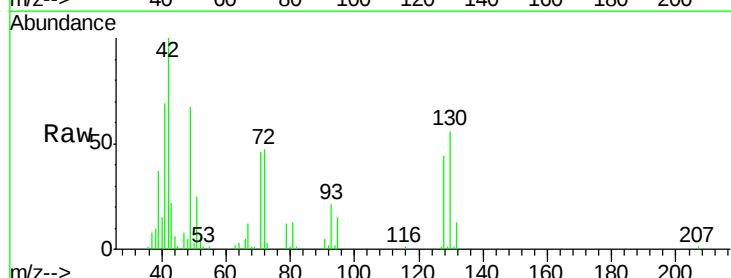
RT: 7.15 min Scan# 1671

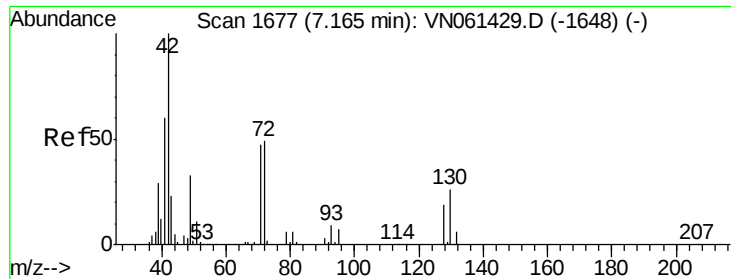
Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	49	Resp:	46699
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	83.4	62.2	93.2





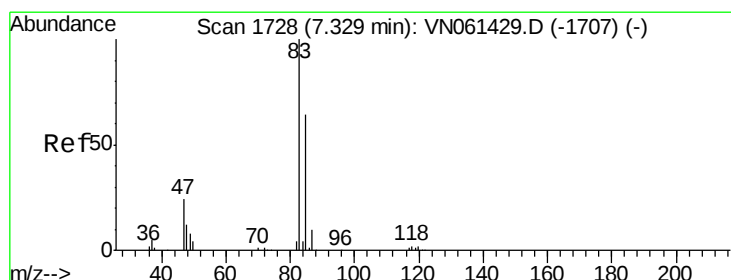
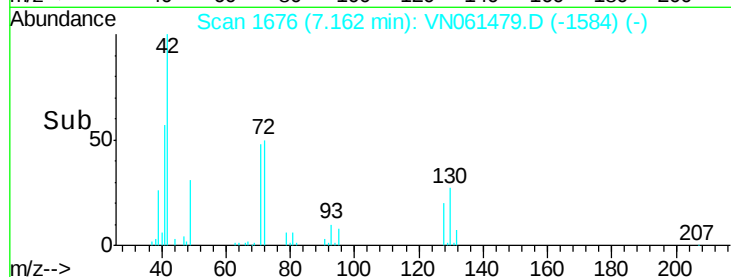
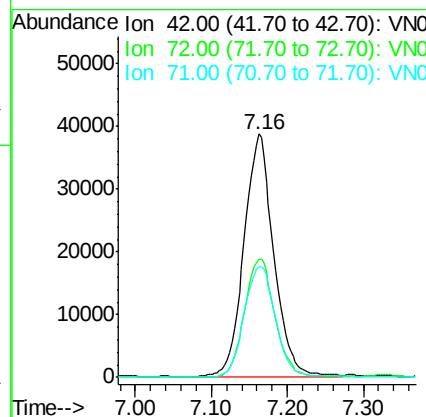
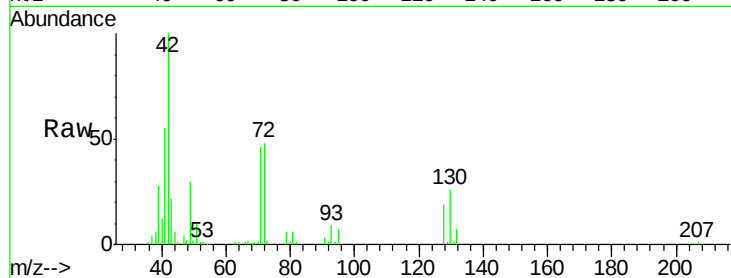
#29
Tetrahydrofuran
Concen: 91.109 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.0	58.6
71	47.3	36.9	55.3

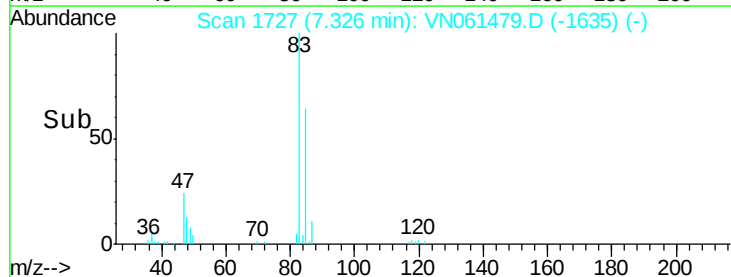
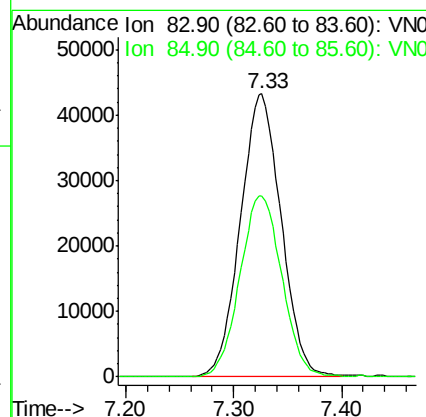
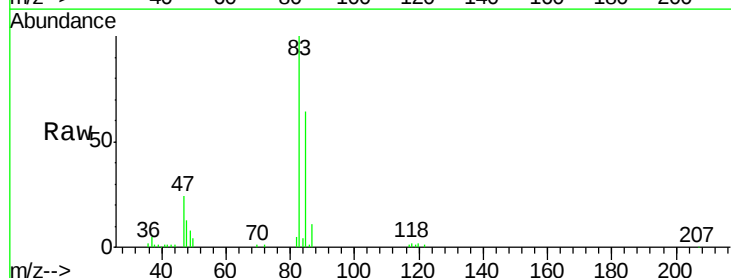
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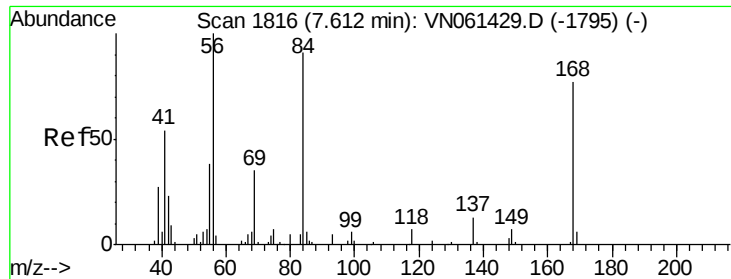
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#30
Chloroform
Concen: 19.155 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.4





#31

Cvclohexane

Concen: 16.903 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

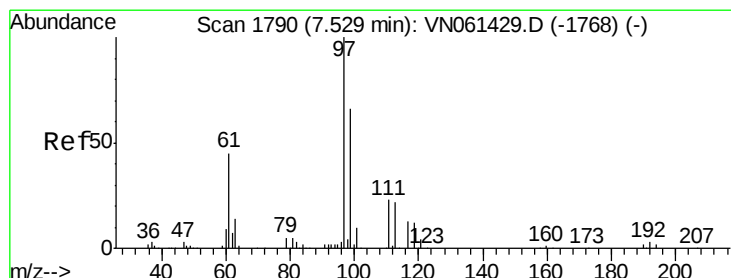
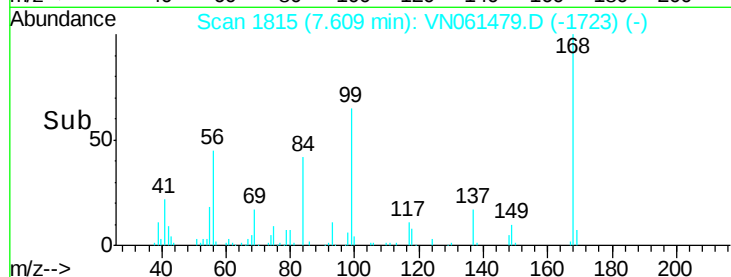
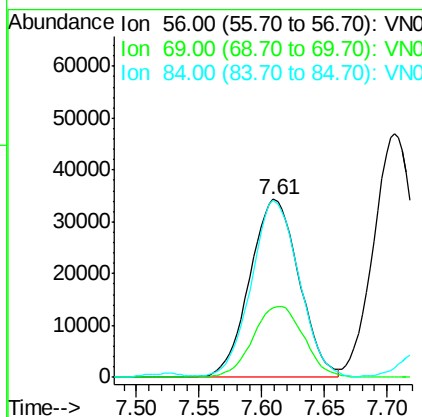
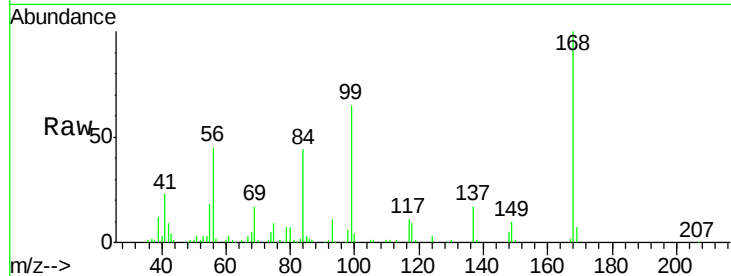
ClientSampleId :

VN0519WBSD01

Tot Ion:	56	Resp:	94235
Ion Ratio	Lower	Upper	
56	100		
69	39.1	27.8	41.6
84	98.4	72.7	109.1

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#32

1,1,1-Trichloroethane

Concen: 18.453 ug/l

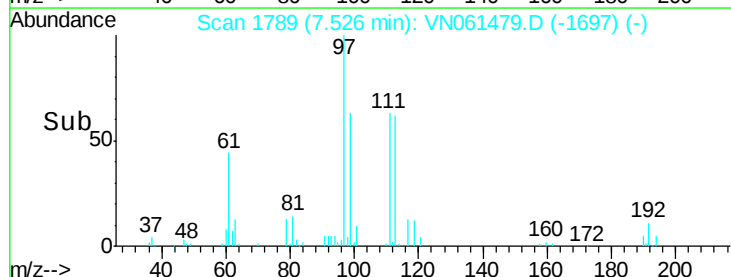
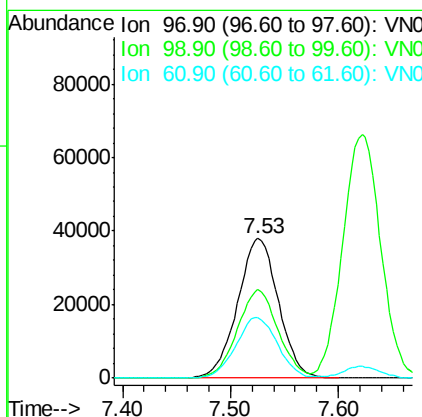
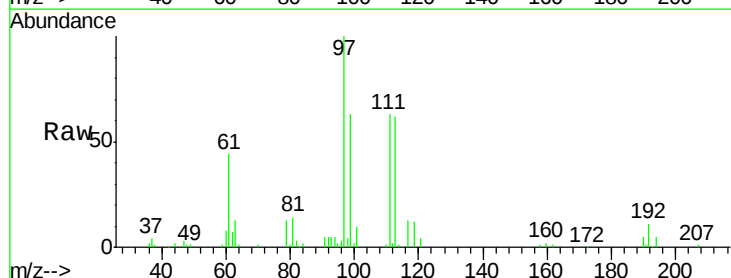
RT: 7.53 min Scan# 1789

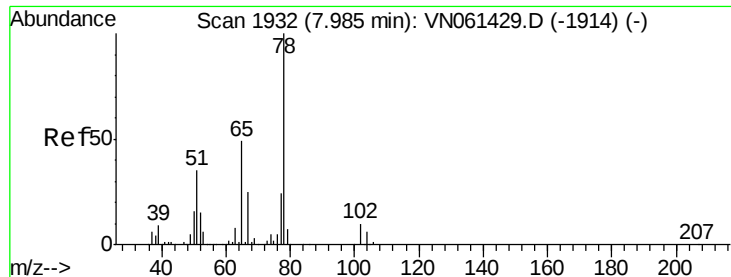
Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	97	Resp:	99907
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.5	77.3
61	44.4	35.8	53.6





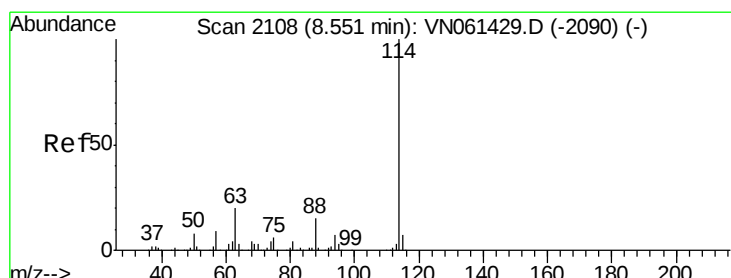
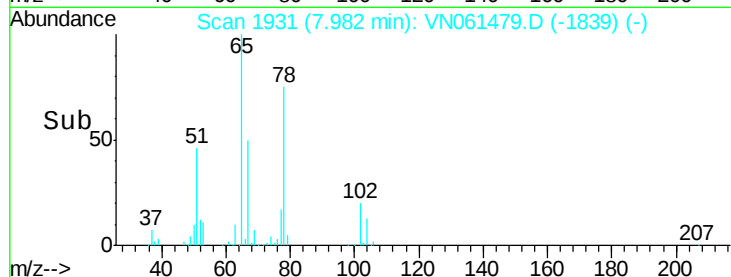
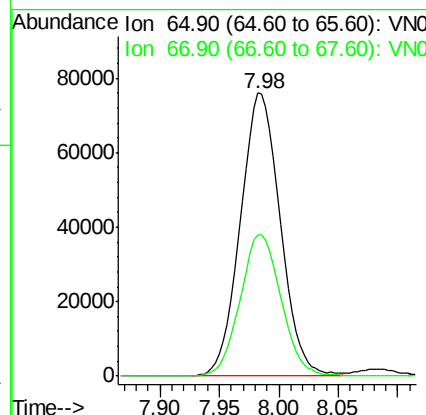
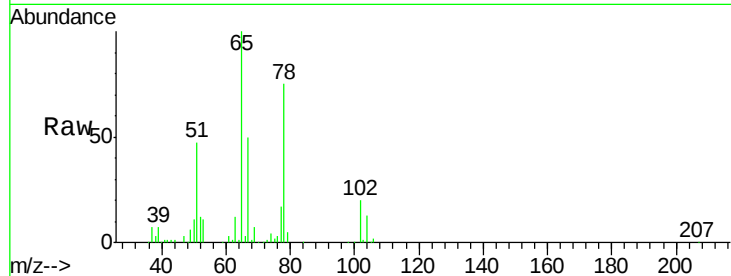
#33
 1,2-Dichloroethane-d4
 Concen: 45.677 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176864		
67	51.2	0.0	101.4	

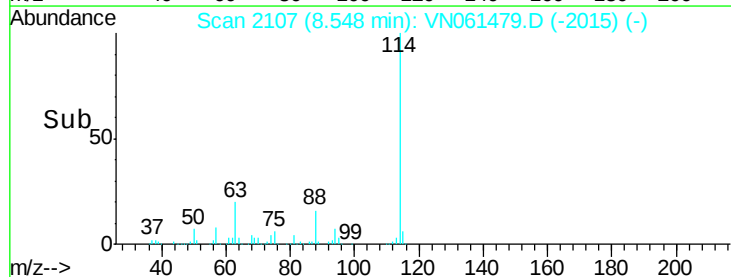
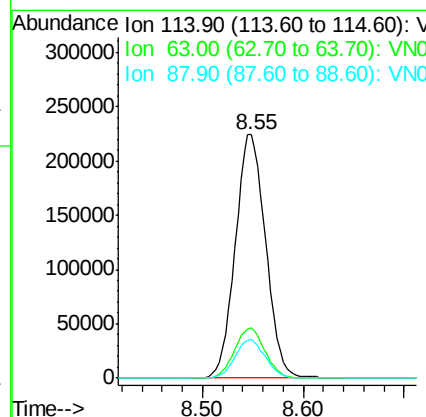
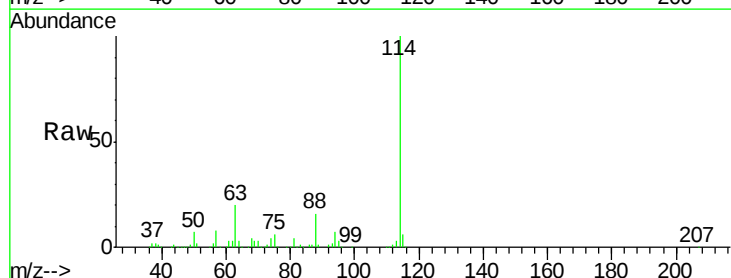
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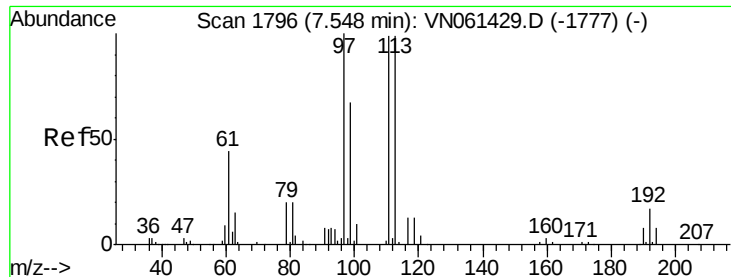
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	469336		
63	20.5	0.0	40.8	
88	15.7	0.0	30.8	





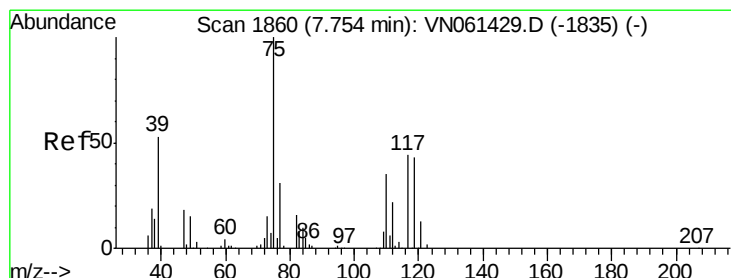
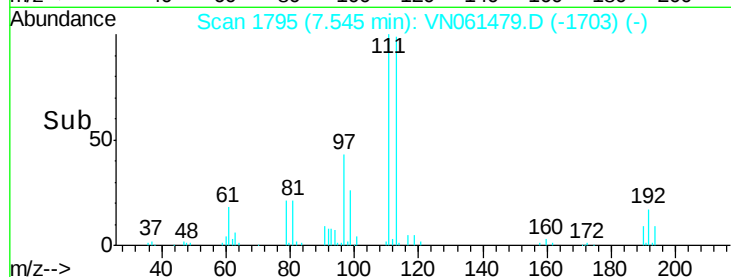
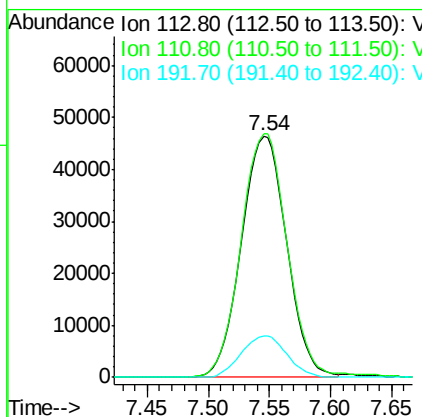
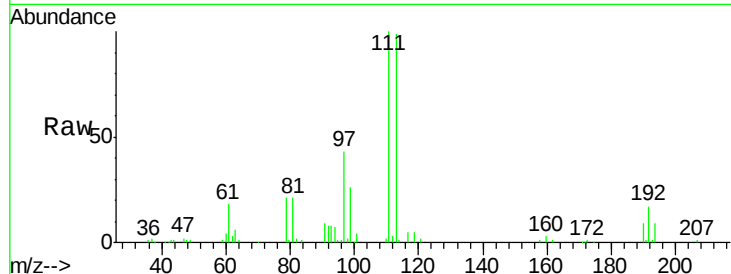
#35
Dibromofluoromethane
Concen: 48.520 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	119298		
111	102.7	80.6	121.0	
192	17.2	13.2	19.8	

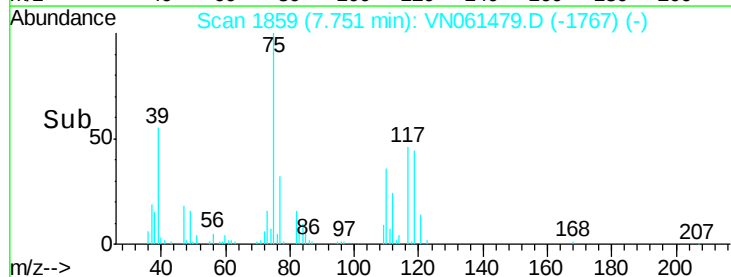
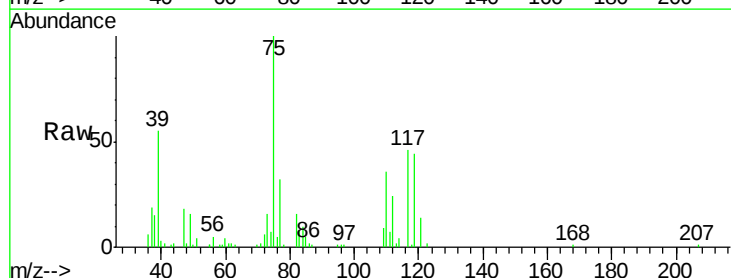
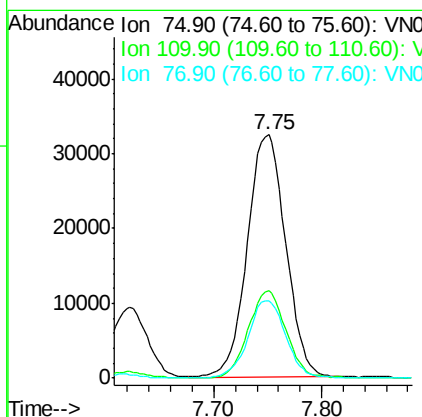
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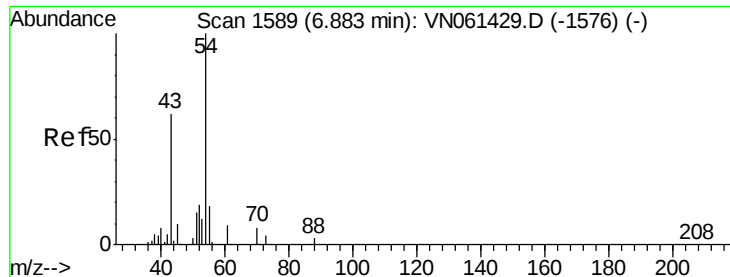
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#36
1,1-Dichloropropene
Concen: 18.270 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80179		
110	35.2	17.3	51.9	
77	31.4	24.9	37.3	





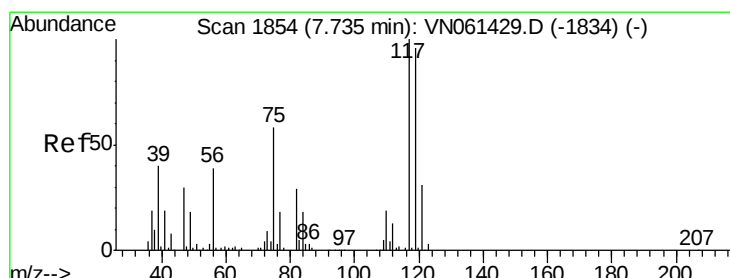
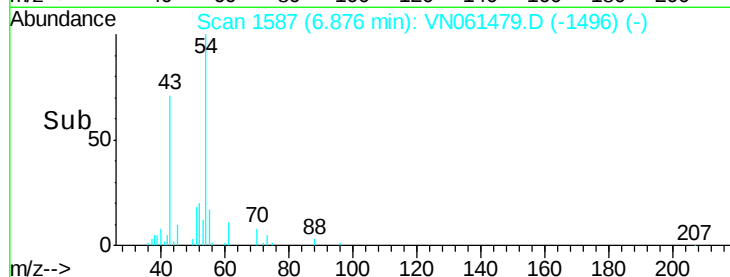
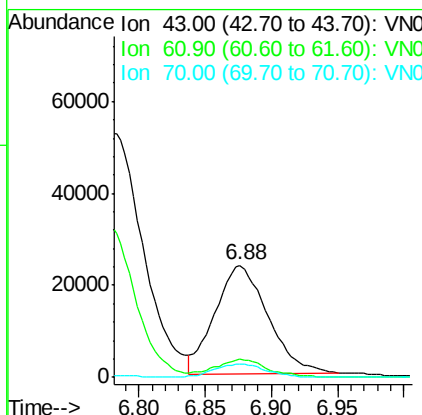
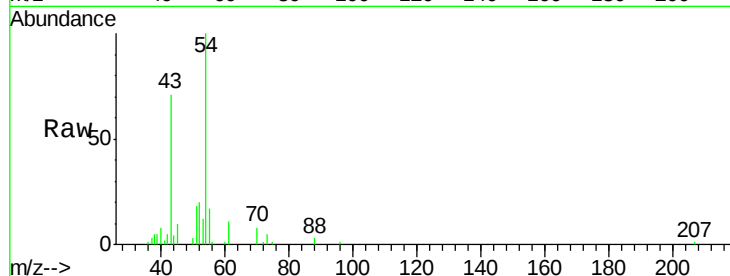
#37
Ethyl Acetate
Concen: 16.492 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	43	61	70
Resp	65637	16.2	12.1
Lower		11.7	9.2
Upper		17.5	13.8

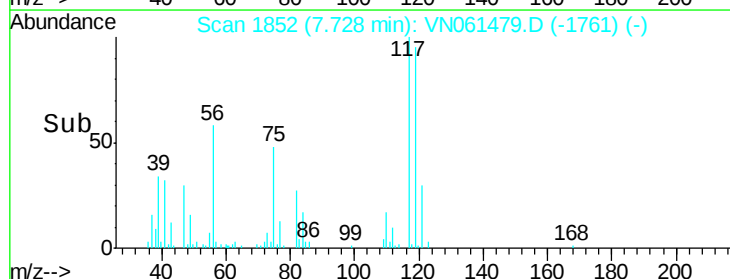
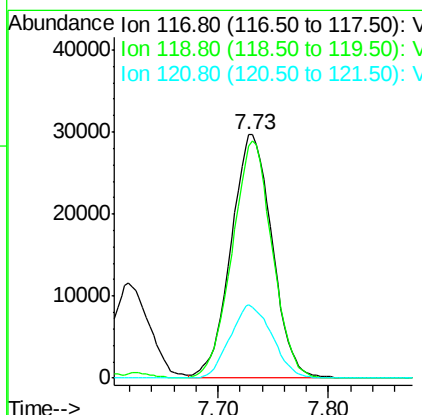
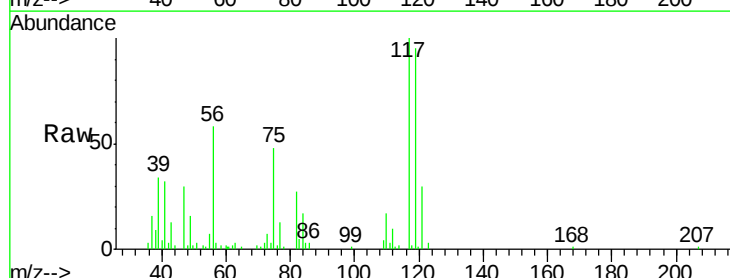
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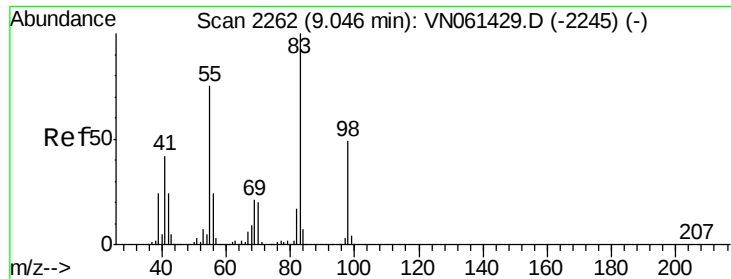
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#38
Carbon Tetrachloride
Concen: 18.957 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	117	119	121
Resp	76605	95.3	30.3
Lower		77.0	24.7
Upper		115.6	37.1





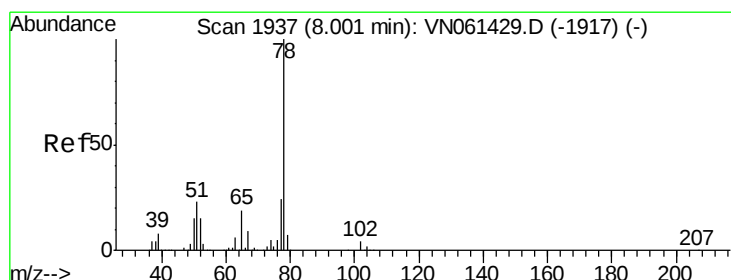
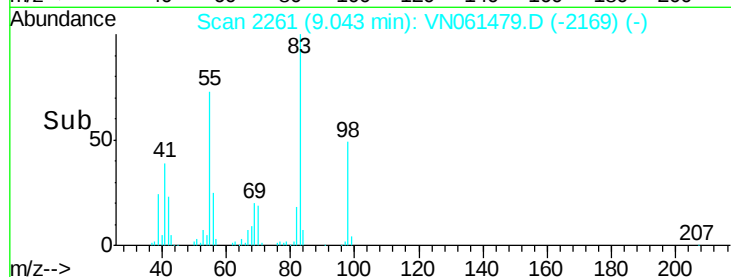
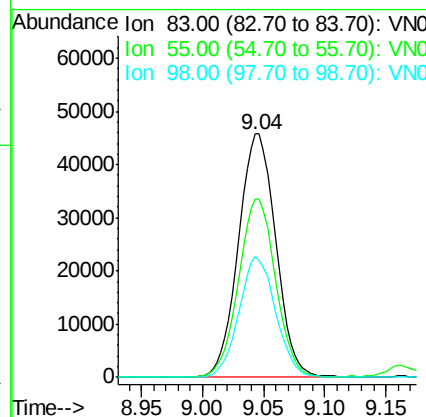
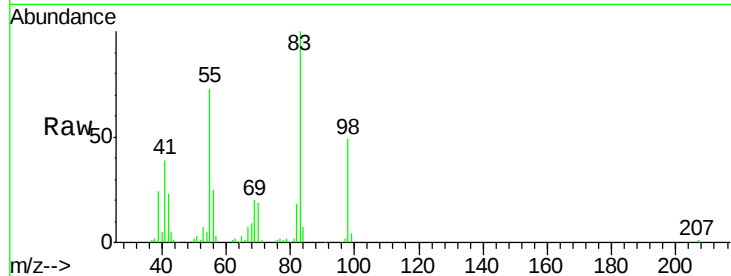
#39
Methvlcvclohexane
Concen: 18.112 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	83	Resp	97084
Ion Ratio	100	Lower	Upper
83	100		
55	73.1	59.7	89.5
98	49.4	38.9	58.3

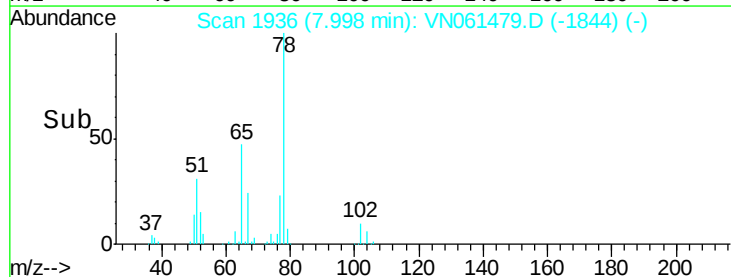
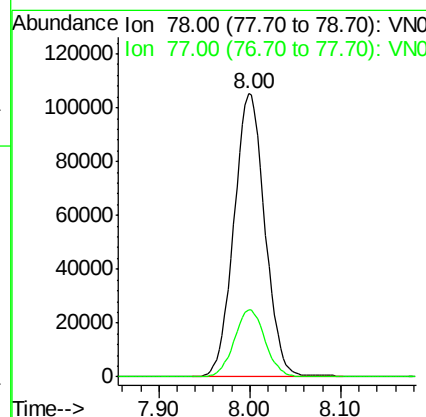
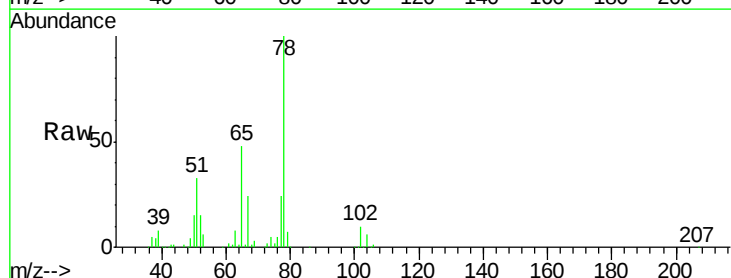
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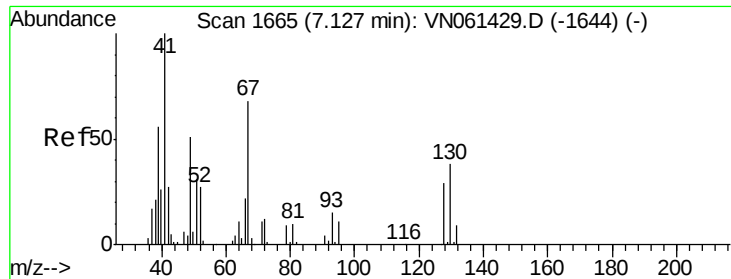
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#40
Benzene
Concen: 18.803 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	78	Resp	248674
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	19.1	28.7





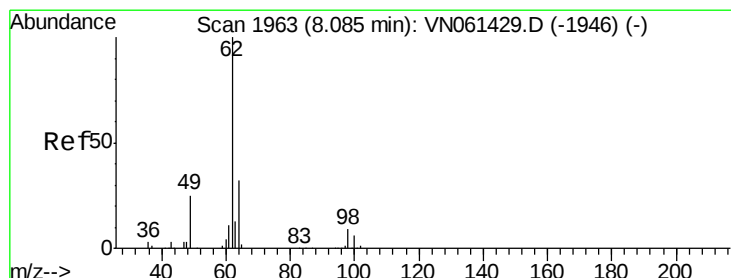
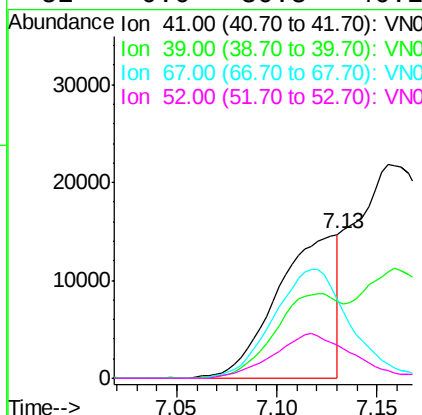
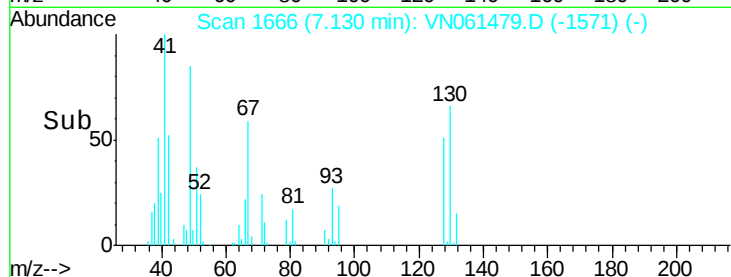
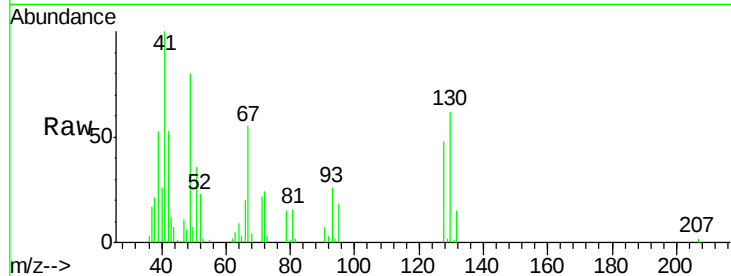
#41
Methacrylonitrile
Concen: 18.467 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.3	72.5#
67	0.0	74.2	111.4#
52	0.0	30.8	46.2#

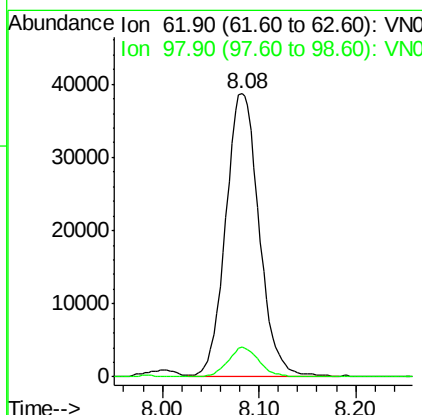
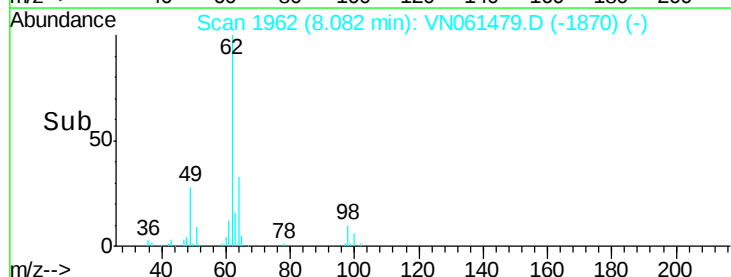
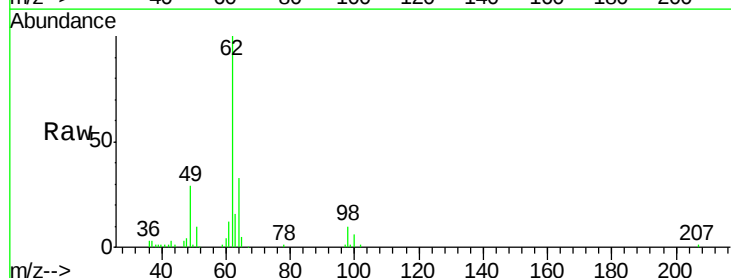
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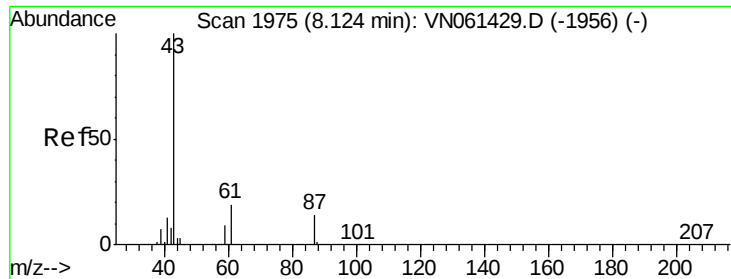
apatel
5/22/2020 11:28:51 AM



#42
1,2-Dichloroethane
Concen: 19.515 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





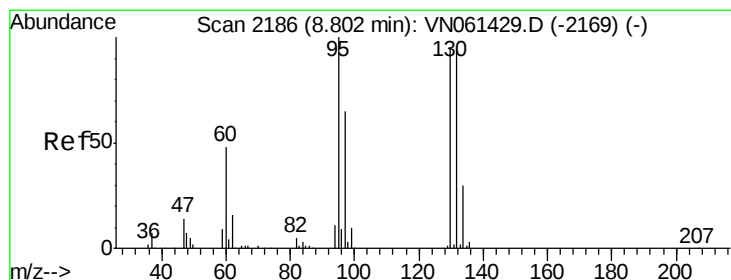
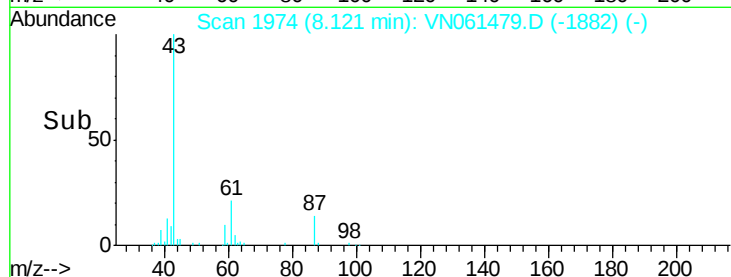
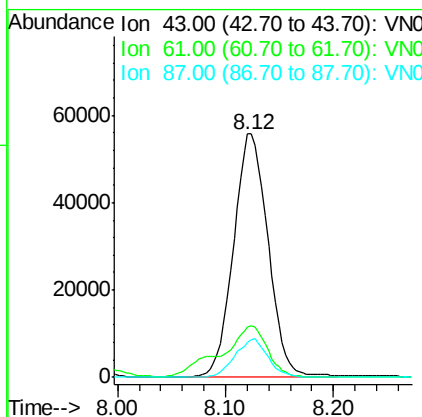
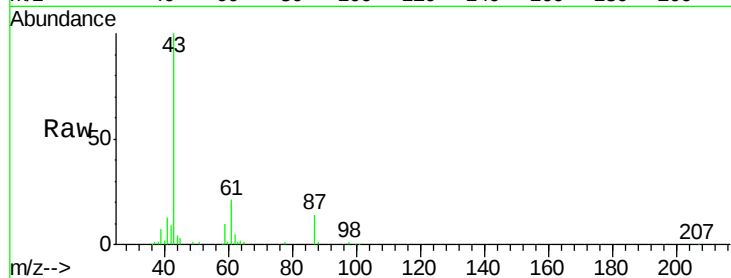
#43
Isopropyl Acetate
Concen: 18.011 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampled :
VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	23.0	34.4
87	14.9	11.6	17.4

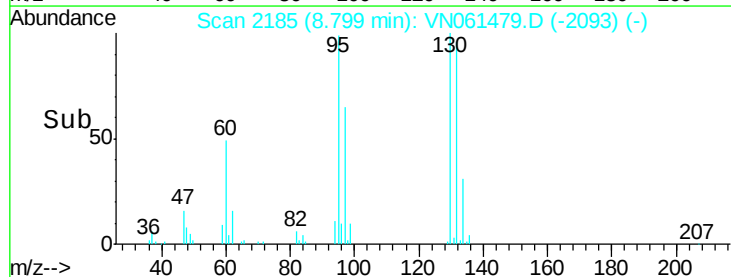
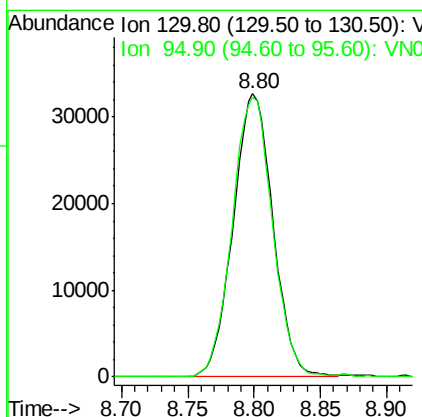
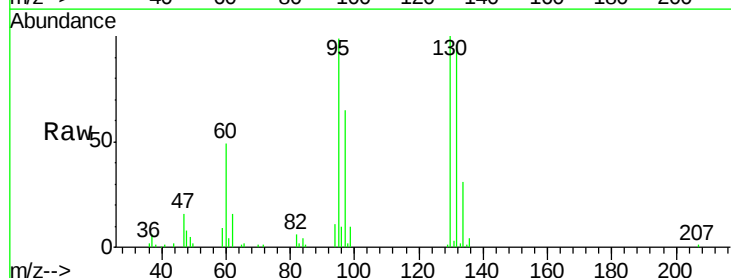
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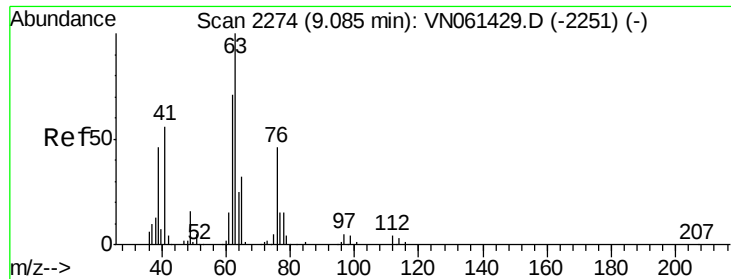
apatel
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#44
Trichloroethene
Concen: 19.673 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	209.8





#45

1,2-Dichloropropane

Concen: 18.818 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tot Ion: 63 Resp: 62292

Ion Ratio Lower Upper

63 100

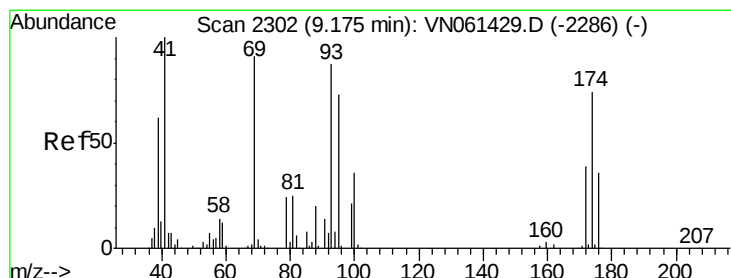
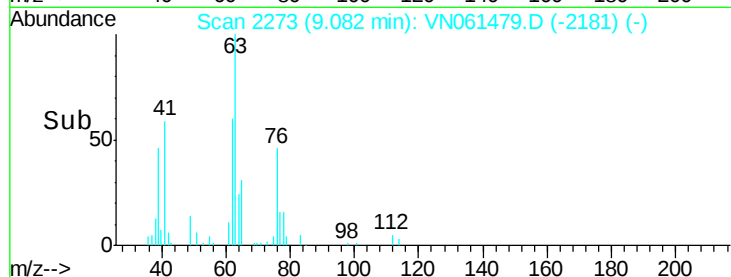
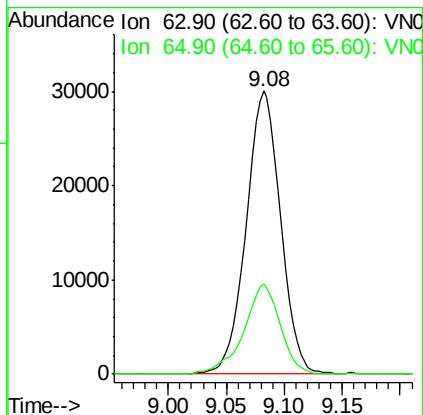
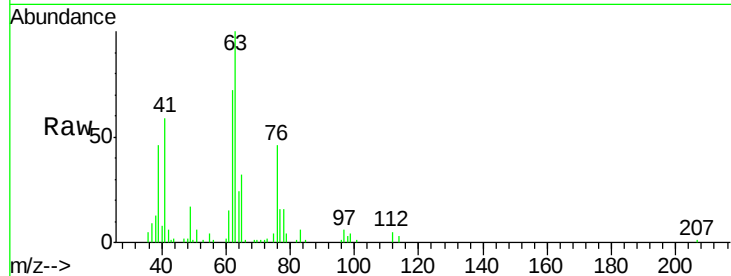
65 31.8 25.2 37.8

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#46

Dibromomethane

Concen: 19.541 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

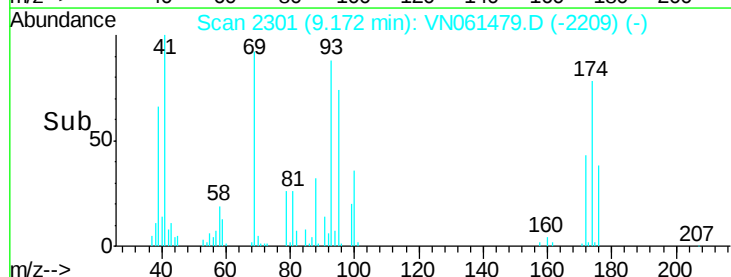
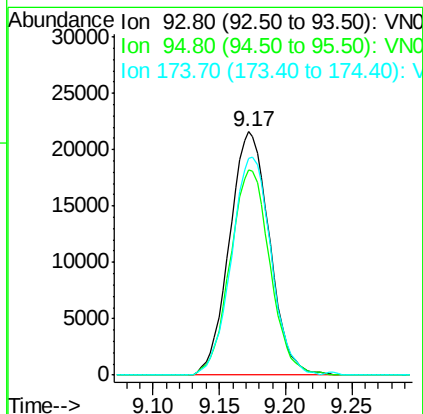
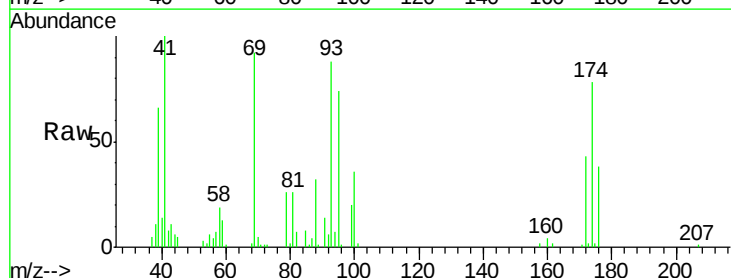
Tgt Ion: 93 Resp: 45347

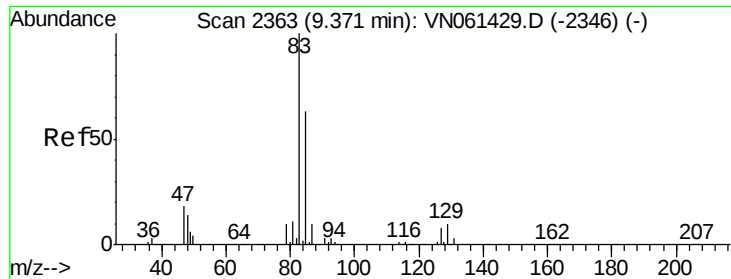
Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

174 88.4 68.0 102.0





#47

Bromodichloromethane

Concen: 19.042 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

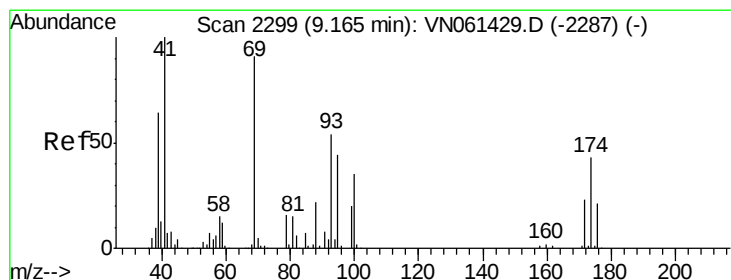
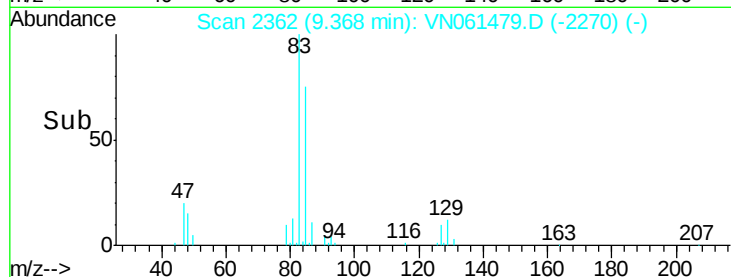
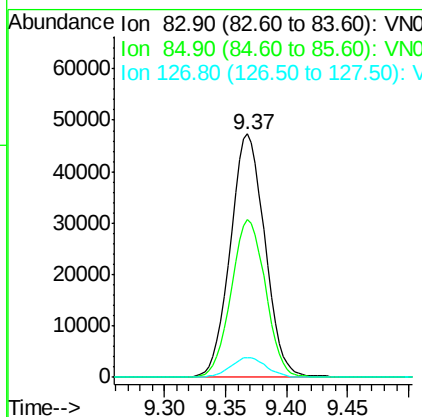
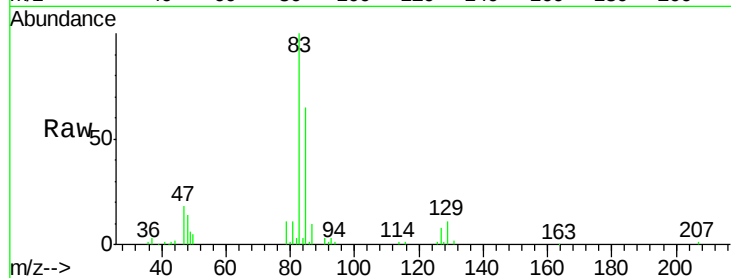
ClientSampleId :

VN0519WBSD01

Tot Ion:	83	Resp:	93102
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.6	76.0
127	8.3	6.1	9.1

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#48

Methyl methacrylate

Concen: 17.781 ug/l

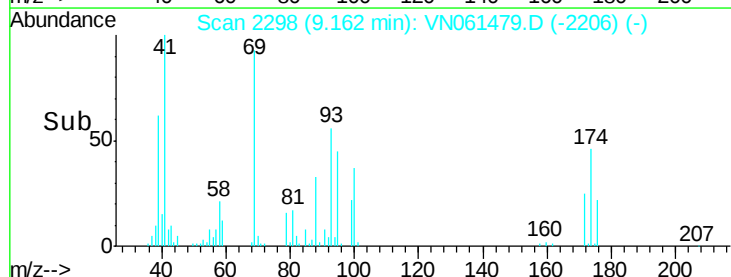
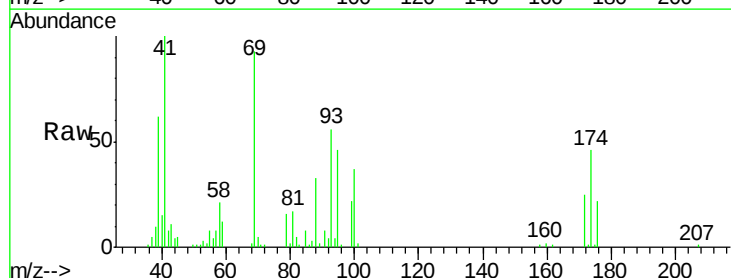
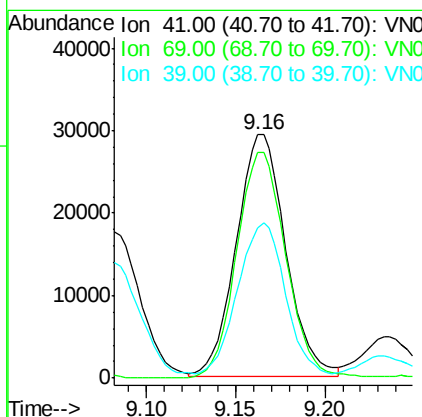
RT: 9.16 min Scan# 2298

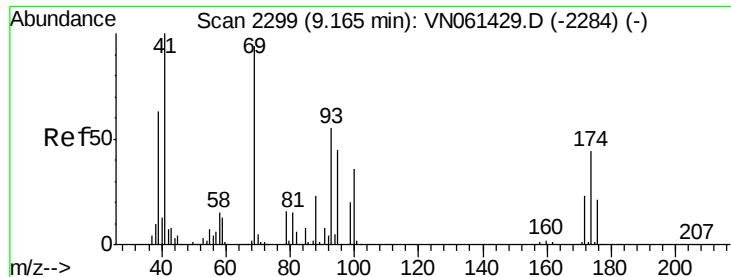
Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	41	Resp:	57018
Ion Ratio	Lower	Upper	
41	100		
69	92.7	75.3	112.9
39	63.1	52.6	79.0





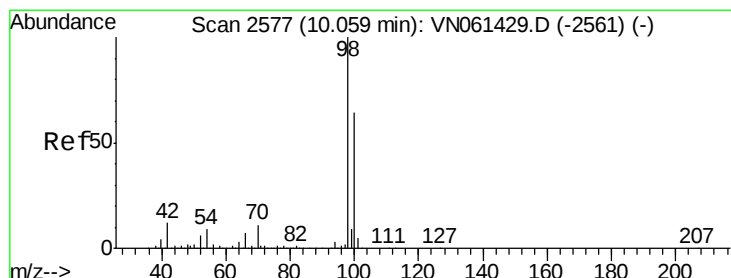
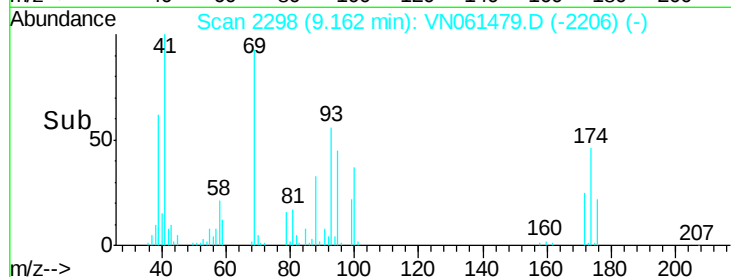
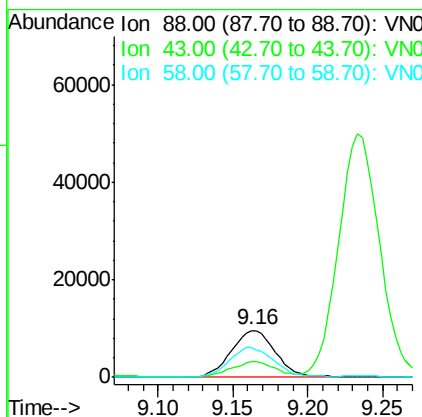
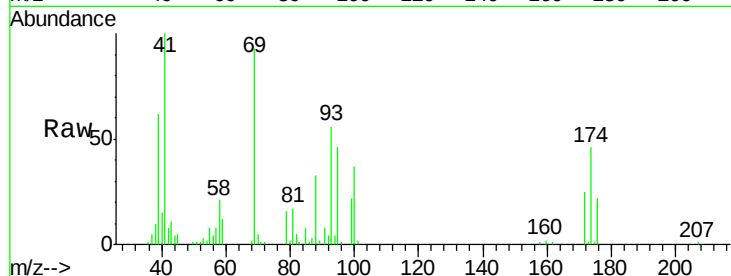
#49
1,4-Dioxane
Concen: 569.184 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	88	Resp	19745
Ion Ratio	Lower	Upper	
88	100		
43	33.7	26.3	39.5
58	64.8	54.1	81.1

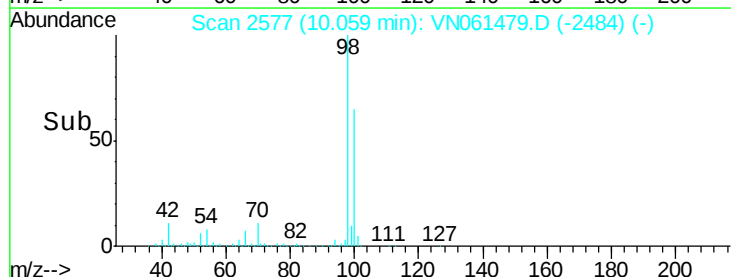
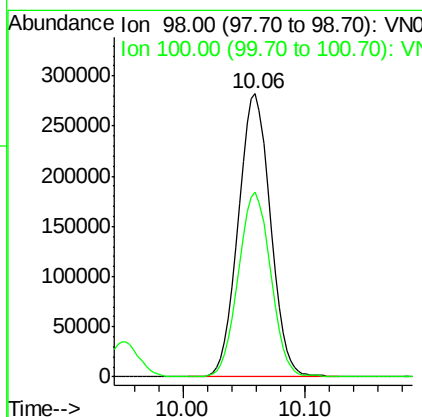
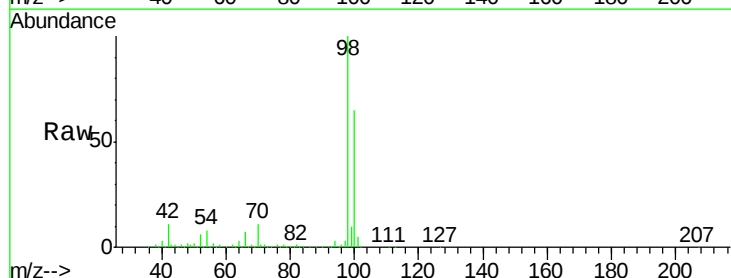
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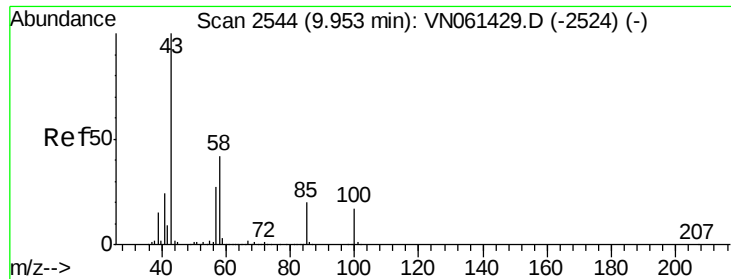
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#50
Toluene-d8
Concen: 45.093 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	98	Resp	514244
Ion Ratio	Lower	Upper	
98	100		
100	65.5	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 91.884 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0519WBSD01

Tot Ion: 43 Resp: 347447

Ion Ratio Lower Upper

43 100

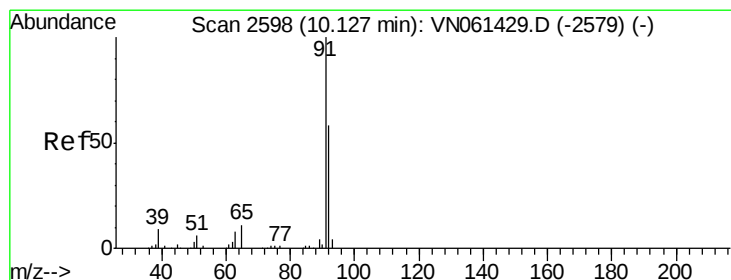
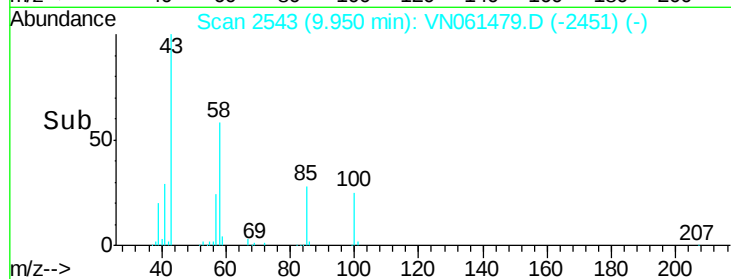
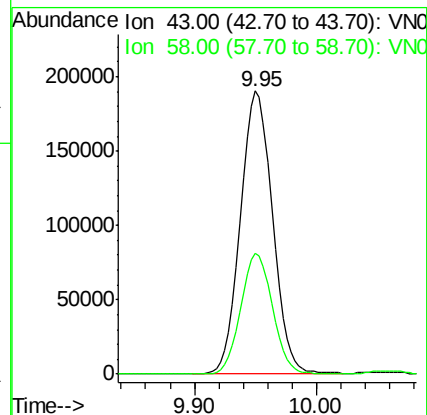
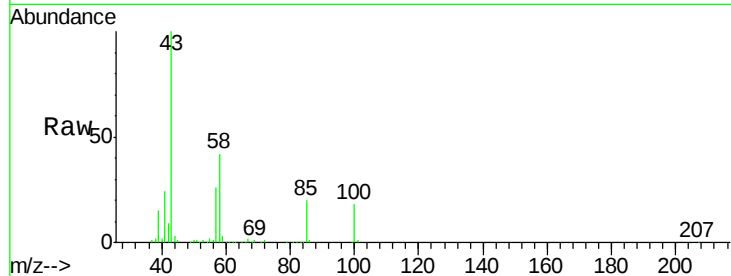
58 41.9 33.4 50.2

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#52

Toluene

Concen: 19.017 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061479.D

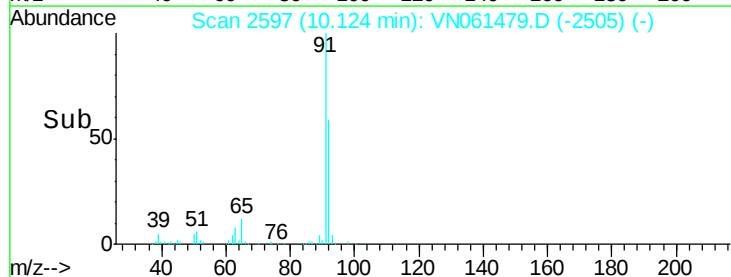
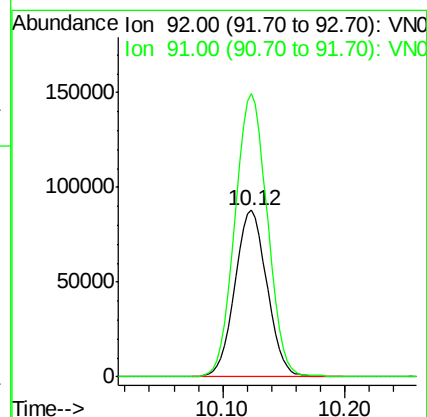
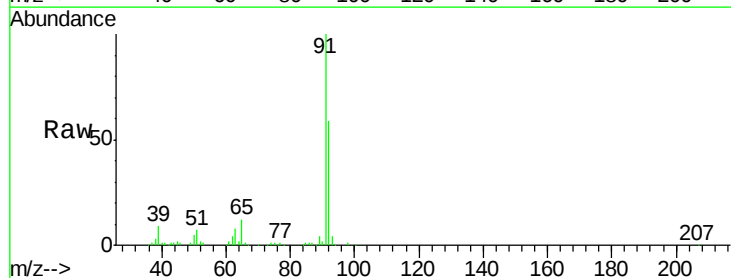
Acq: 19 May 2020 13:24

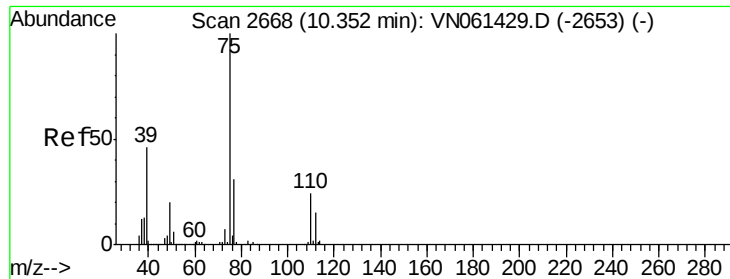
Tgt Ion: 92 Resp: 161471

Ion Ratio Lower Upper

92 100

91 171.3 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.077 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0519WBSD01

Tot Ion: 75 Resp: 102232

Ion Ratio Lower Upper

75 100

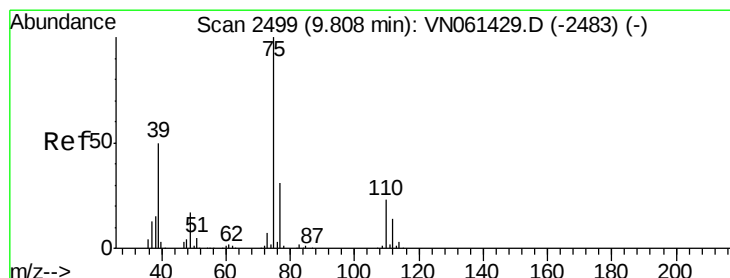
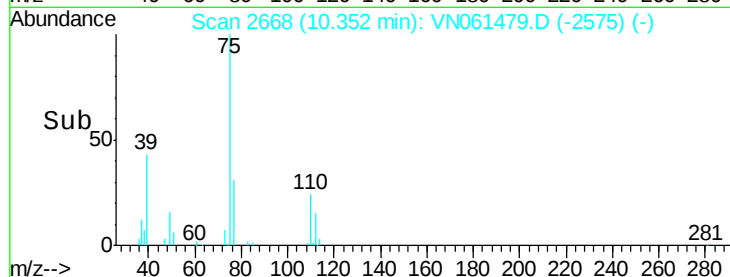
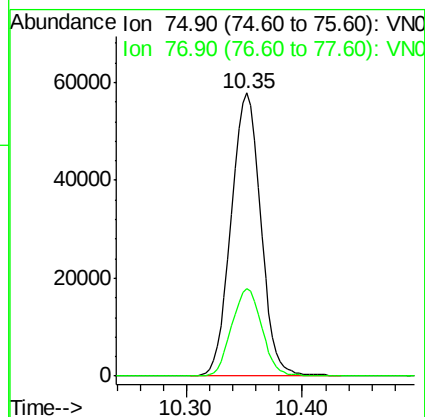
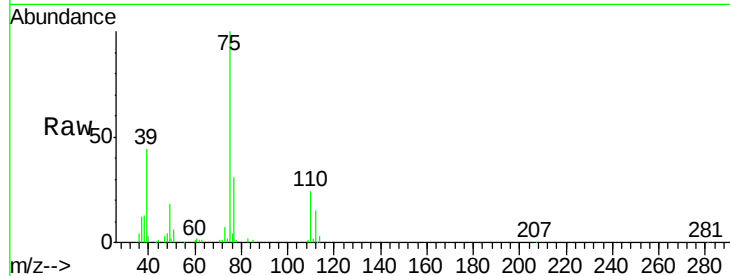
77 31.1 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 18.824 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

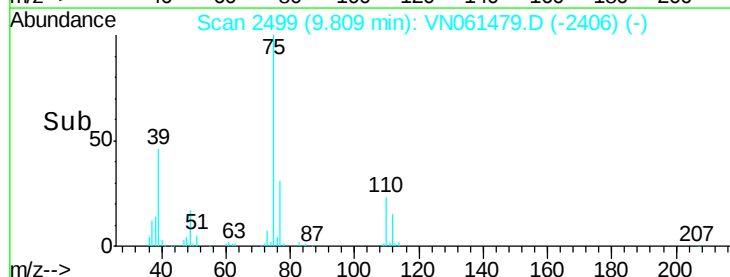
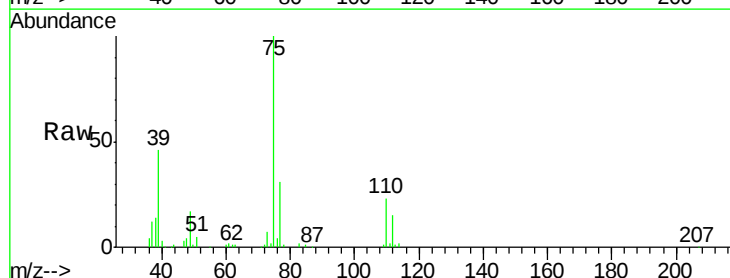
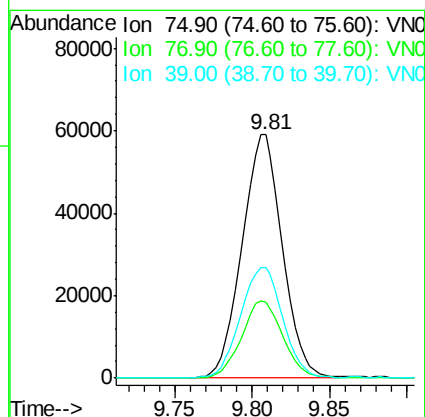
Tgt Ion: 75 Resp: 107236

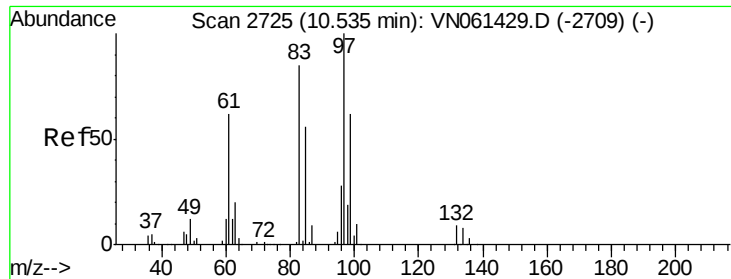
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 45.5 39.8 59.6





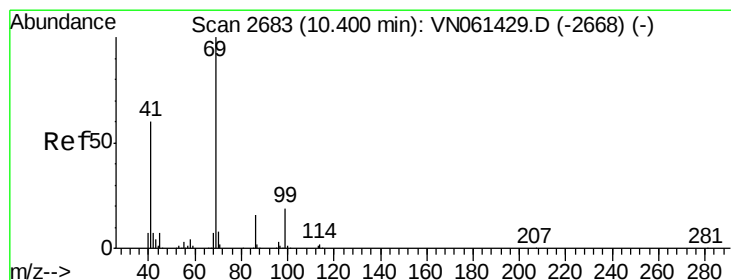
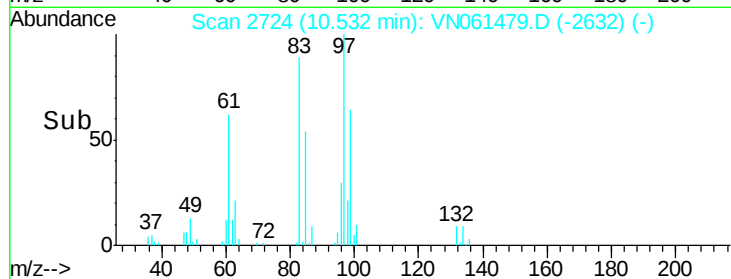
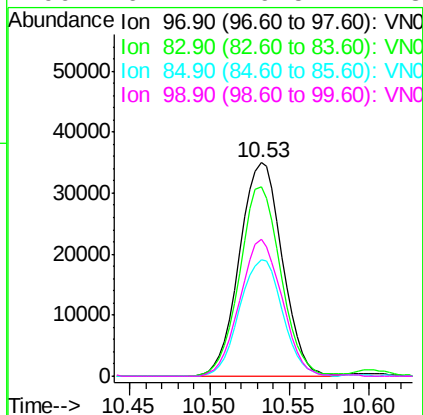
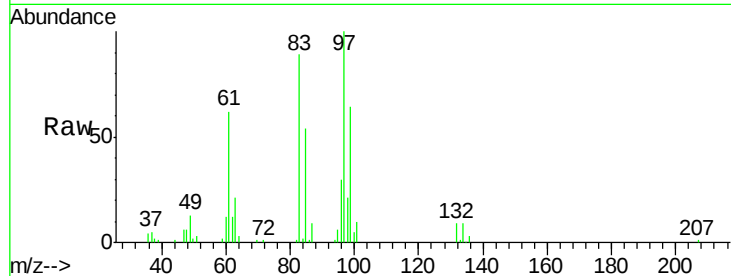
#55
 1,1,2-Trichloroethane
 Concen: 19.922 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion:	97	Resp:	63950
Ion	Ratio	Lower	Upper
97	100		
83	88.7	68.2	102.4
85	54.4	44.6	67.0
99	64.2	49.5	74.3

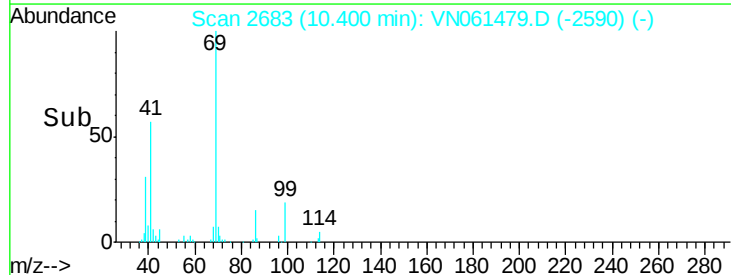
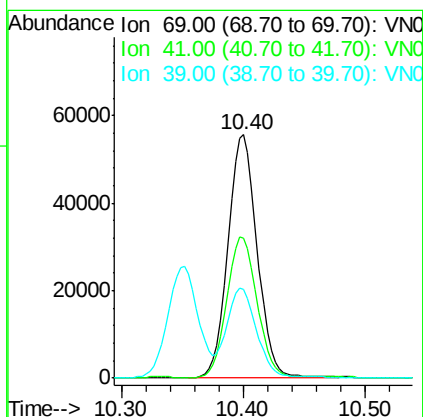
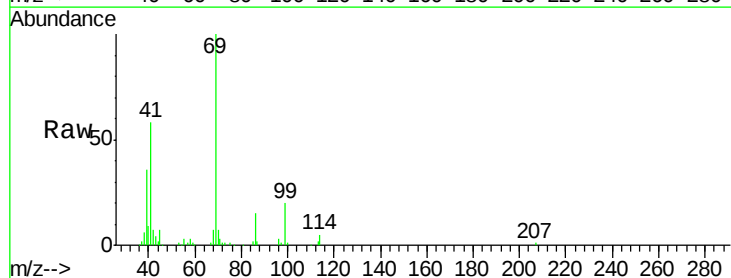
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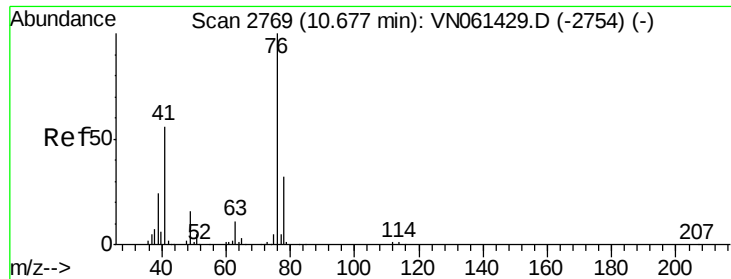
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#56
 Ethyl methacrylate
 Concen: 18.602 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion:	69	Resp:	93357
Ion	Ratio	Lower	Upper
69	100		
41	60.5	48.3	72.5
39	37.0	30.2	45.2





#57

1,3-Dichloropropane

Concen: 19.721 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0519WBSD01

Tot Ion: 76 Resp: 109402

Ion Ratio Lower Upper

76 100

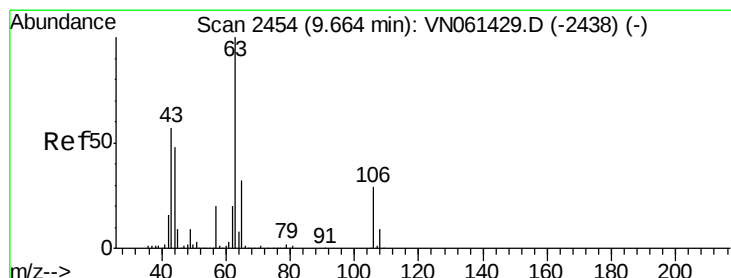
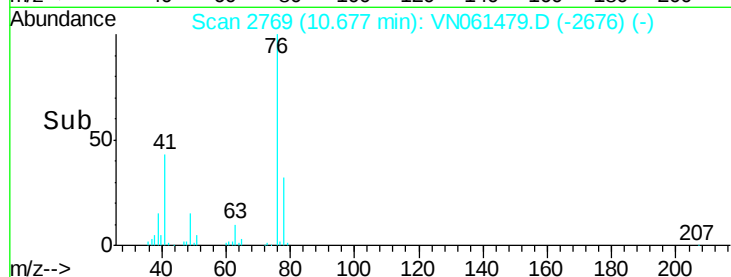
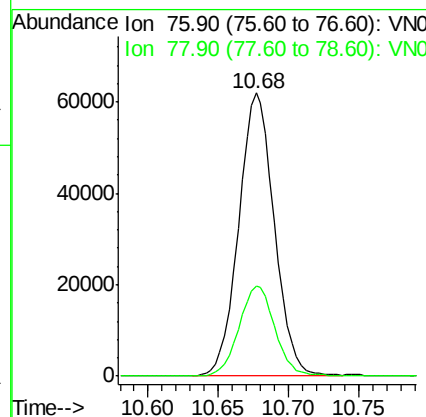
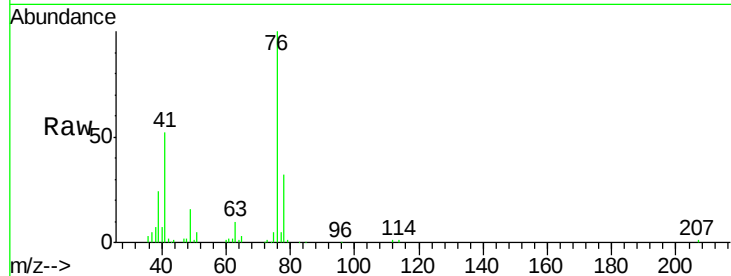
78 32.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 84.028 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061479.D

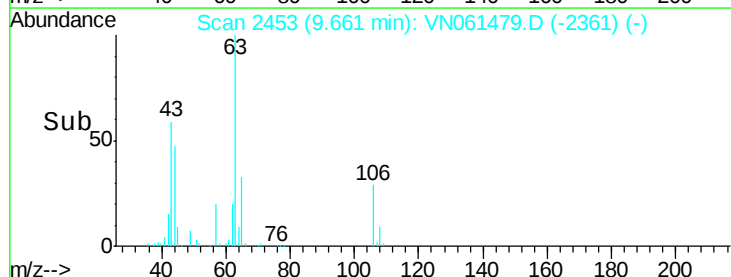
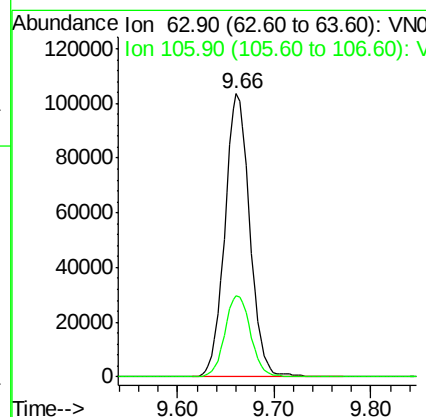
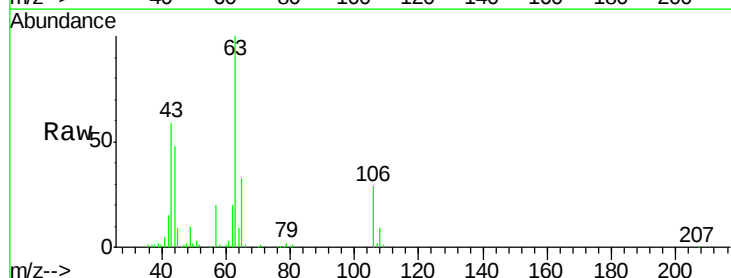
Acq: 19 May 2020 13:24

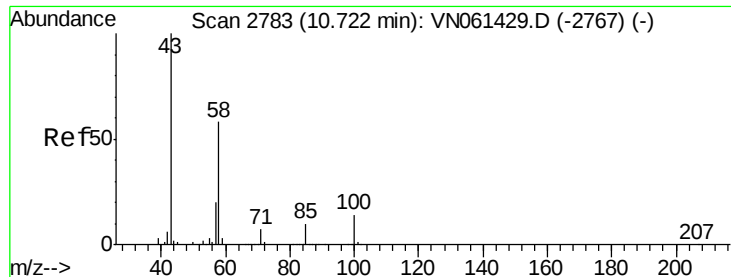
Tgt Ion: 63 Resp: 185099

Ion Ratio Lower Upper

63 100

106 29.7 22.7 34.1





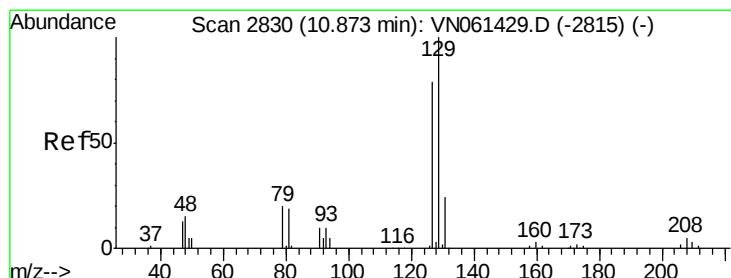
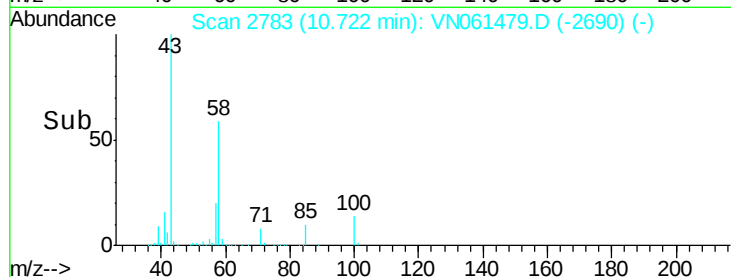
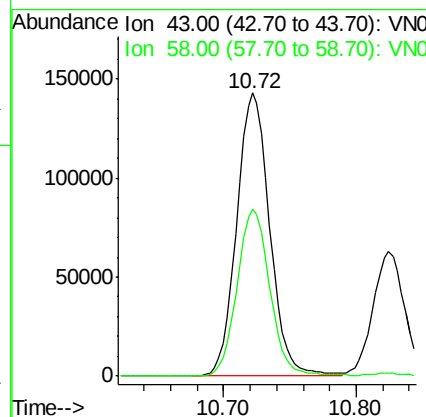
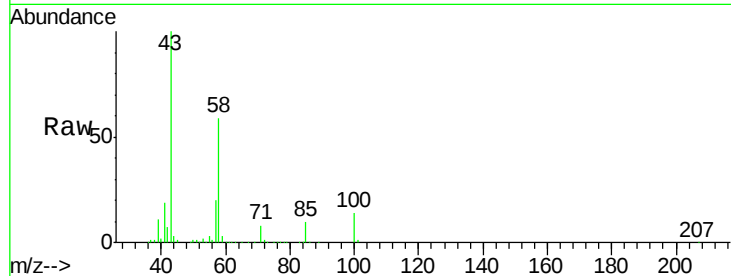
#59
2-Hexanone
Concen: 90.019 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	43	Resp	246271
Ion Ratio	43	100	
Lower	58	58.7	29.2
Upper			87.6

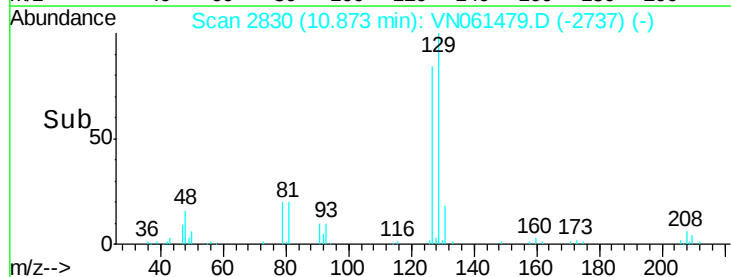
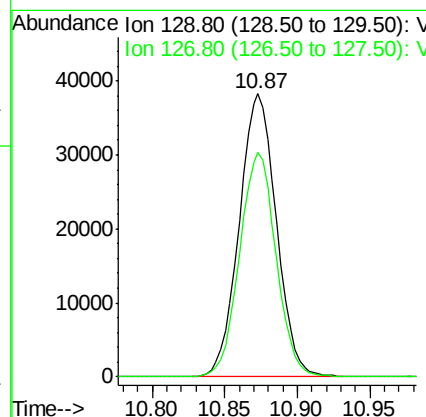
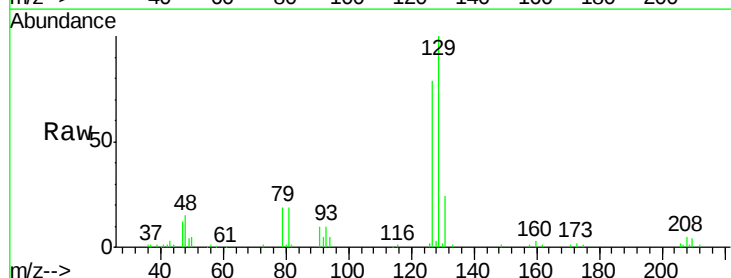
Manual Integrations
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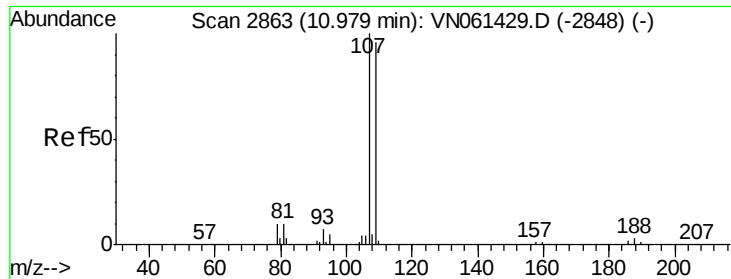
apatel
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#60
Dibromochloromethane
Concen: 19.178 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	129	Resp	68097
Ion Ratio	129	100	
Lower	127	77.6	38.8
Upper			116.3





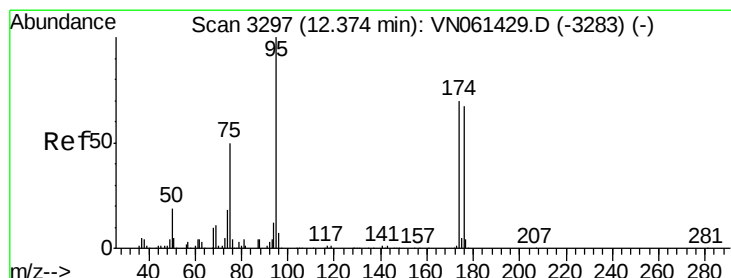
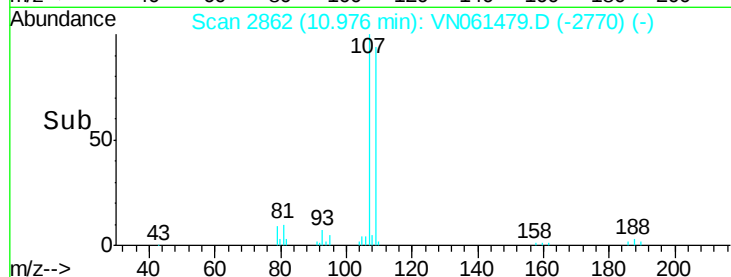
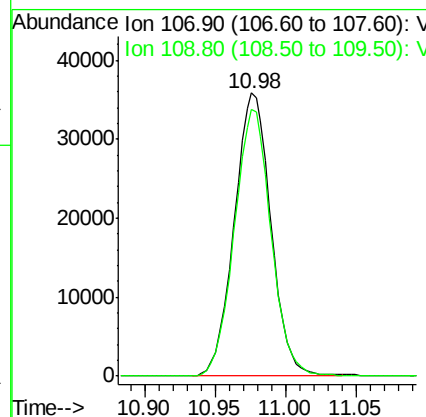
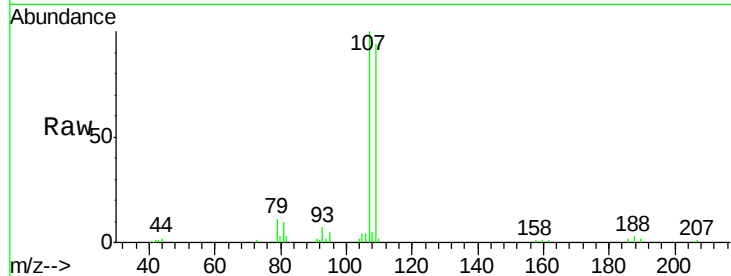
#61
 1,2-Dibromoethane
 Concen: 19.290 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.7	113.5

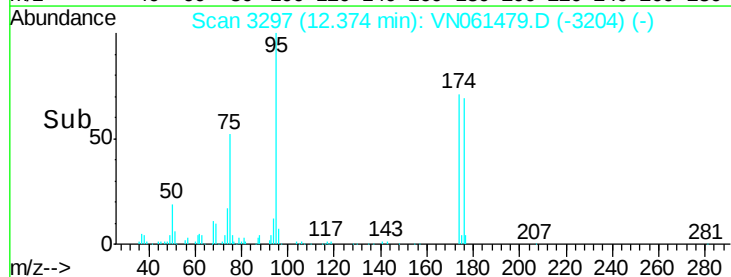
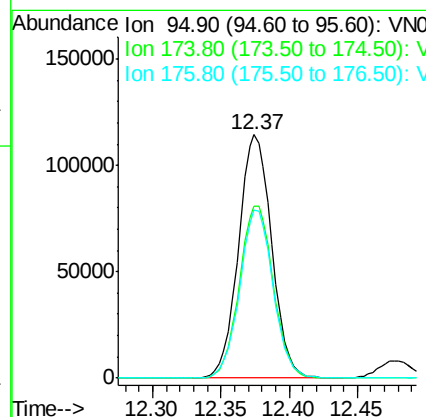
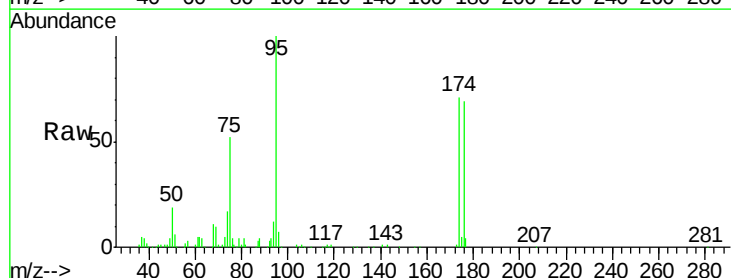
Manual Integrations
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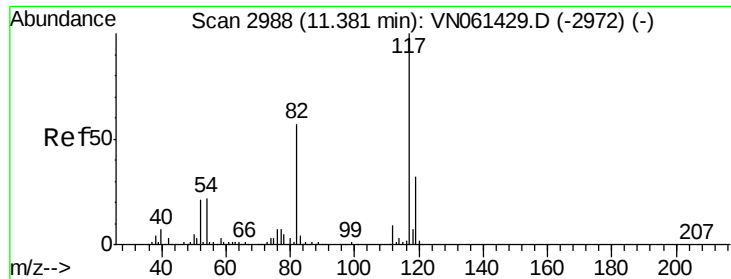
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.229 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	141.2
176	69.8	0.0	137.6





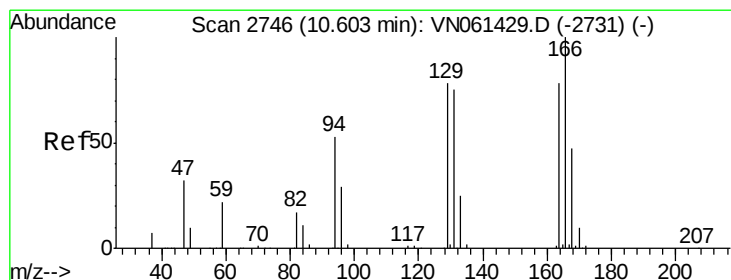
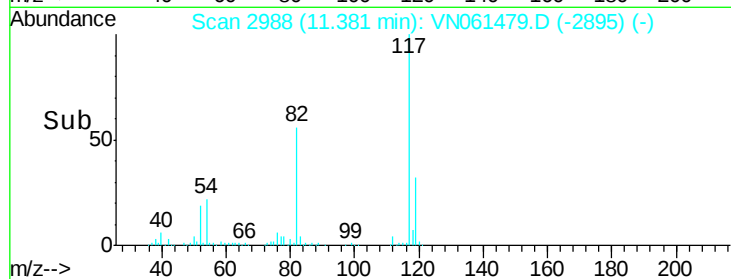
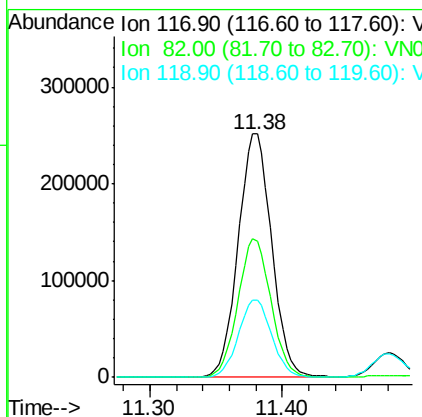
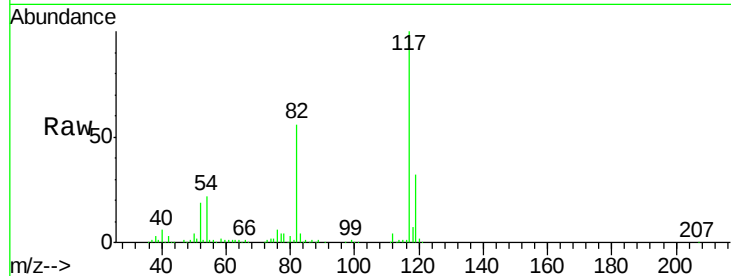
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	55.9	45.2	67.8	
119	31.9	25.3	37.9	

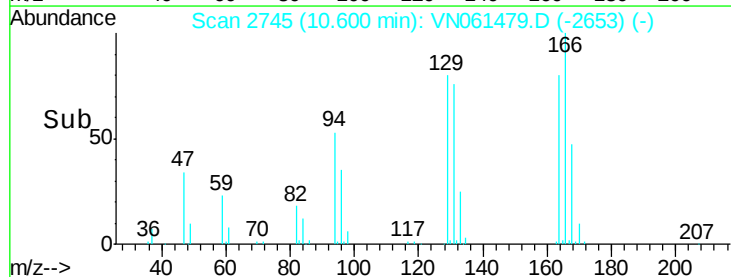
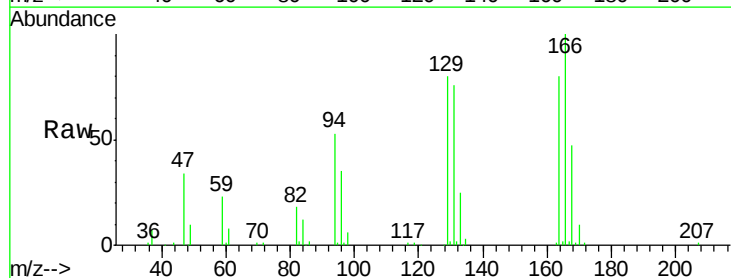
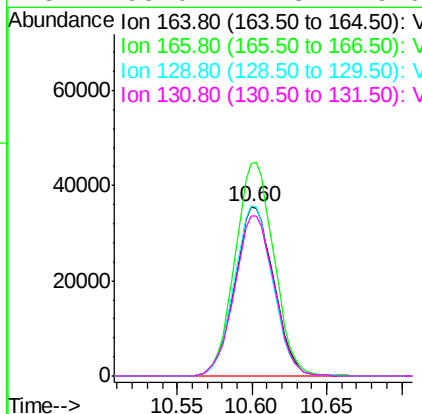
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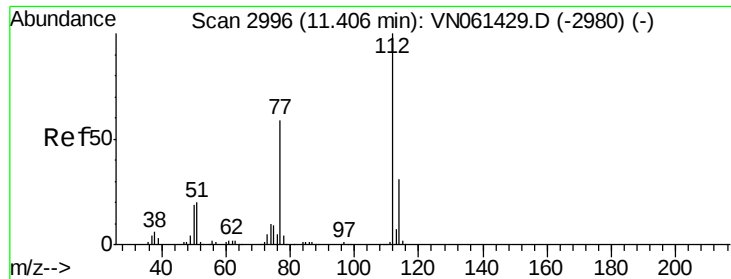
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#64
Tetrachloroethene
Concen: 18.862 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.4	103.2	154.8	
129	100.9	81.0	121.4	
131	95.0	77.3	115.9	





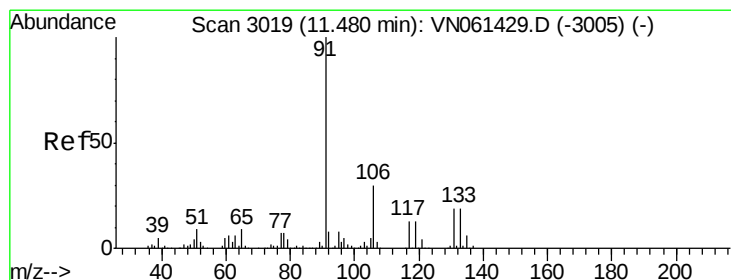
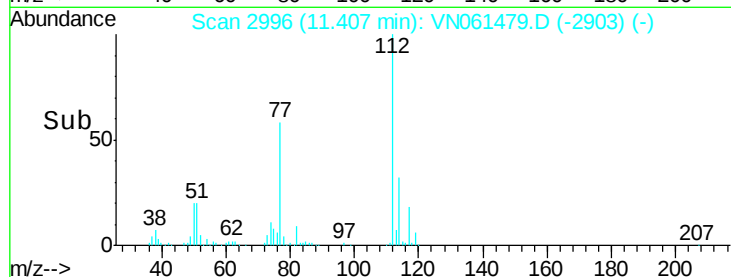
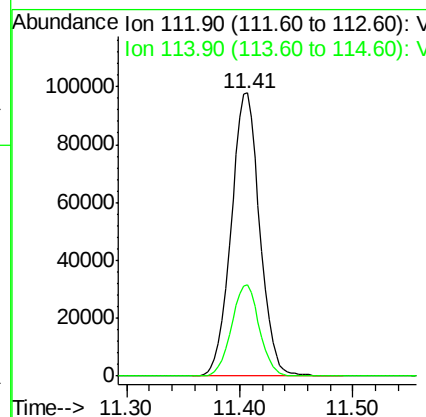
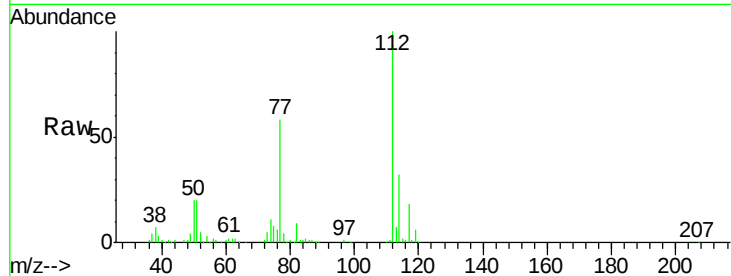
#65
Chlorobenzene
Concen: 19.056 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion:112 Resp: 171366
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6

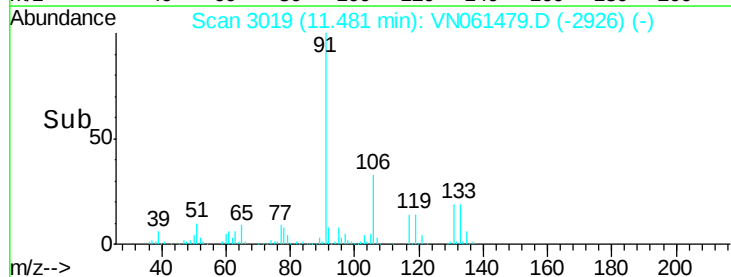
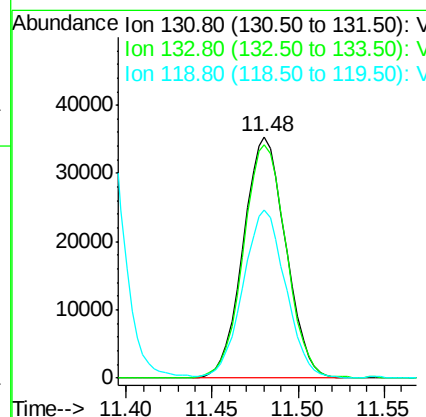
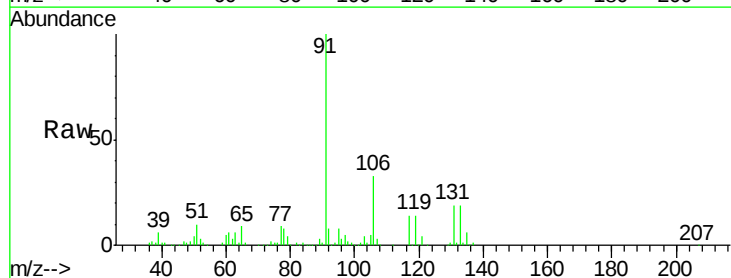
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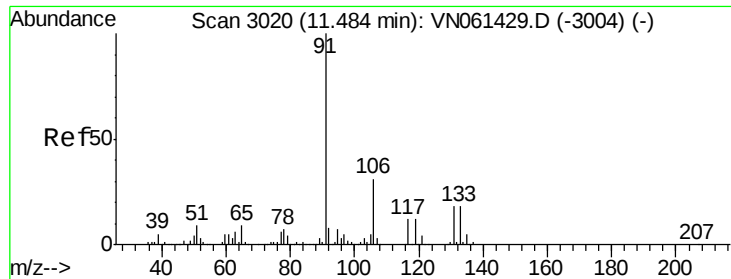
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.839 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion:131 Resp: 60736
Ion Ratio Lower Upper
131 100
133 97.5 48.7 146.1
119 70.0 33.8 101.3





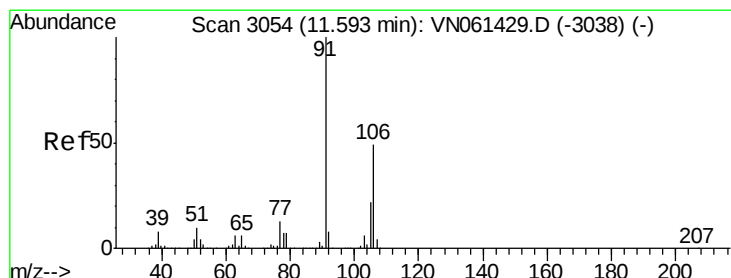
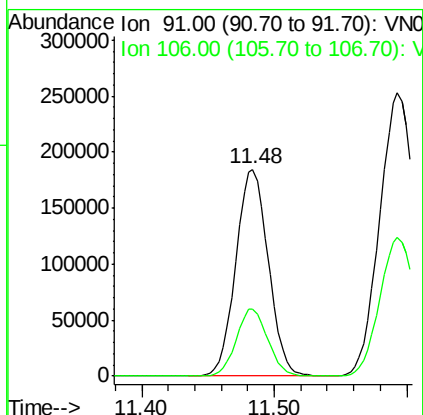
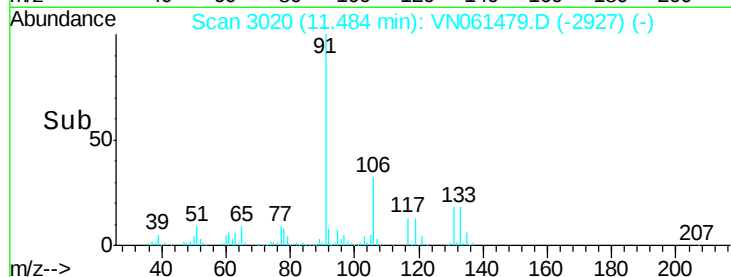
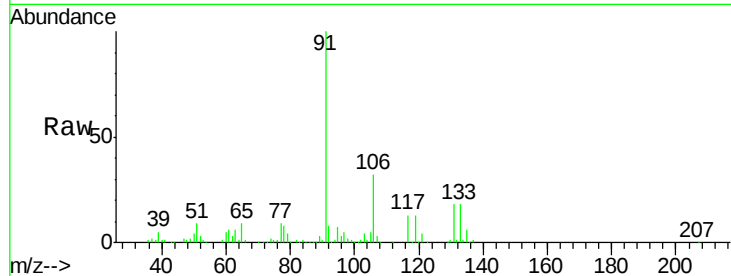
#67
Ethyl Benzene
Concen: 19.182 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion: 91 Resp: 314878
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8

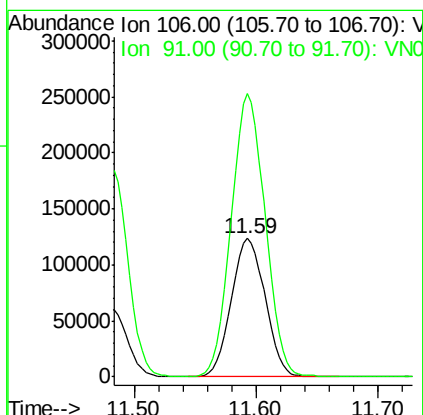
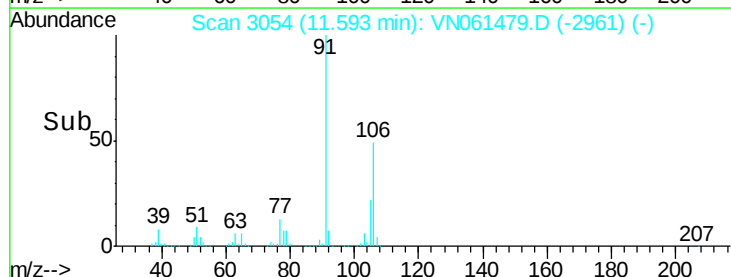
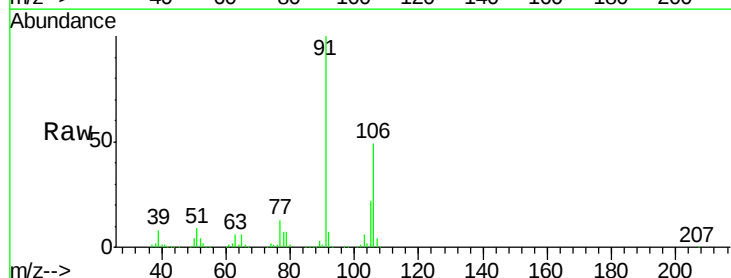
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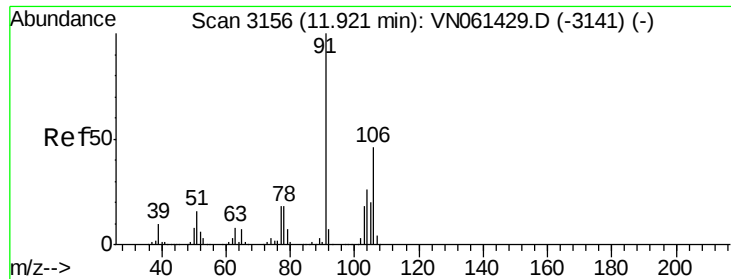
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#68
m/p-Xylenes
Concen: 38.269 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion: 106 Resp: 238441
Ion Ratio Lower Upper
106 100
91 204.5 163.0 244.6





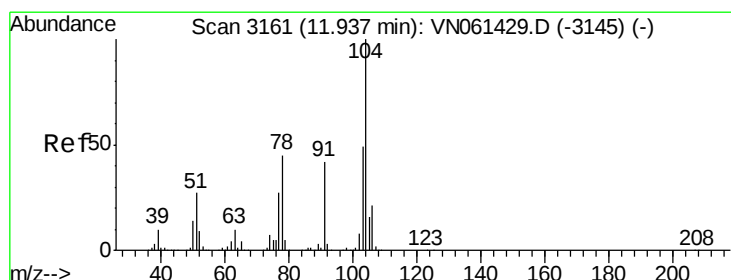
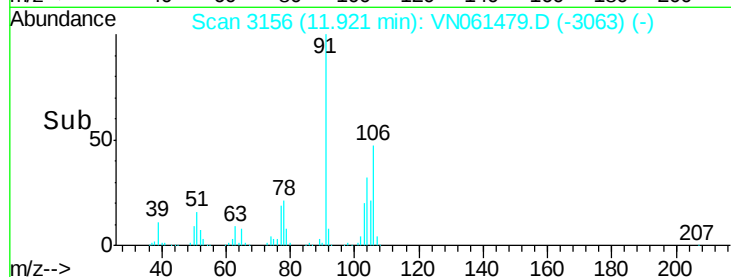
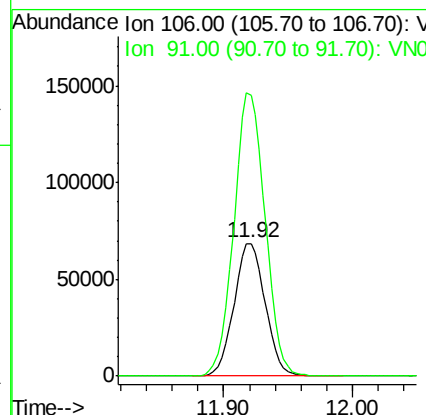
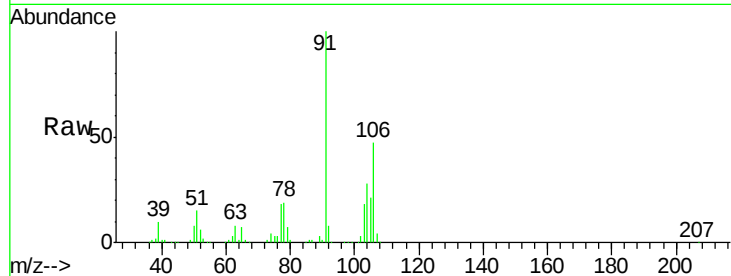
#69
o-Xylene
Concen: 19.086 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
115081	106	100			
	91	213.2	107.9	323.7	

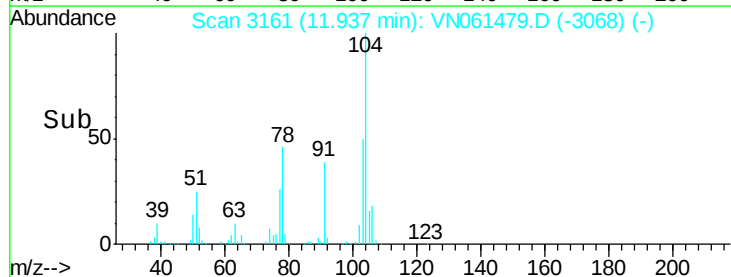
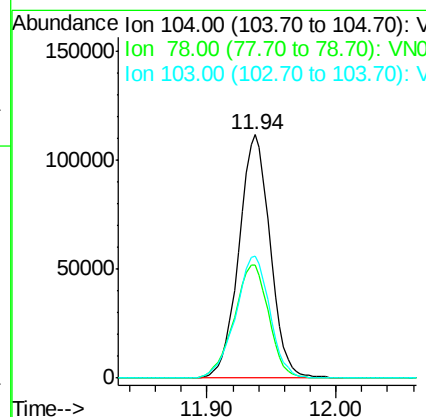
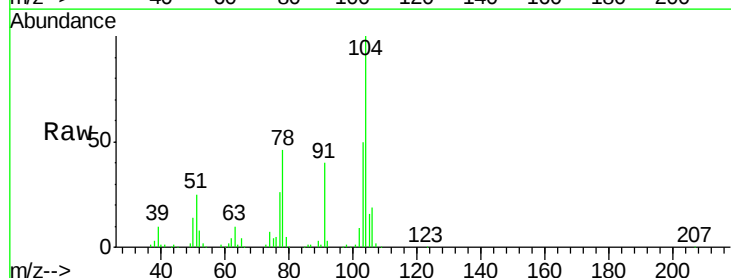
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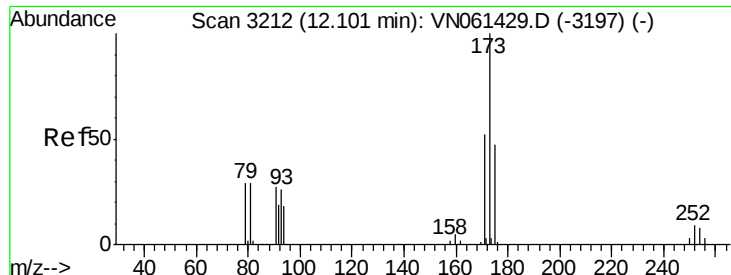
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#70
Styrene
Concen: 18.857 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188280	104	100			
	78	51.5	40.7	61.1	
	103	54.6	43.0	64.4	





#71

Bromoform

Concen: 17.680 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBSD01

Tot Ion:173 Resp: 40911

Ion Ratio Lower Upper

173 100

175 49.6 23.9 71.8

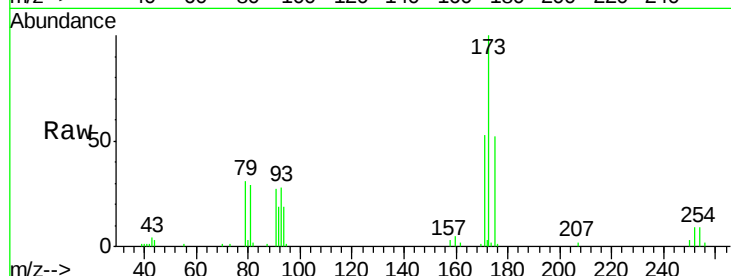
254 0.0 0.0 0.0

Manual Integrations

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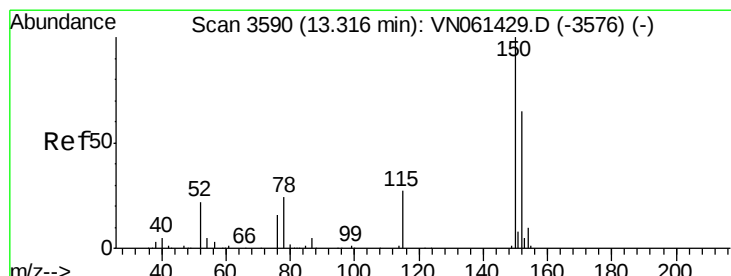
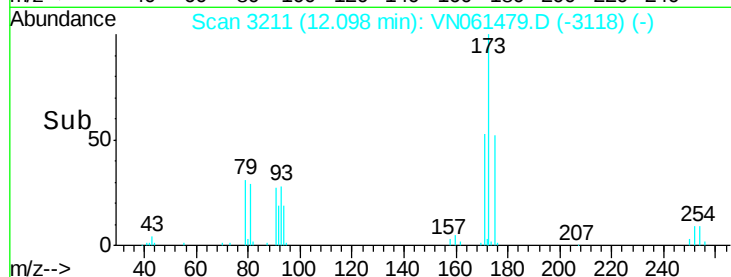
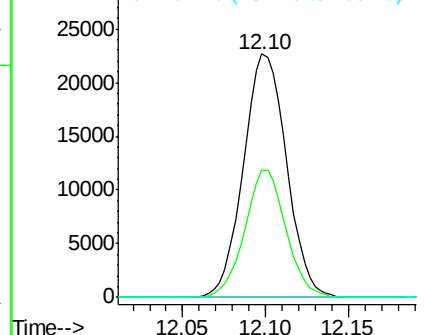
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

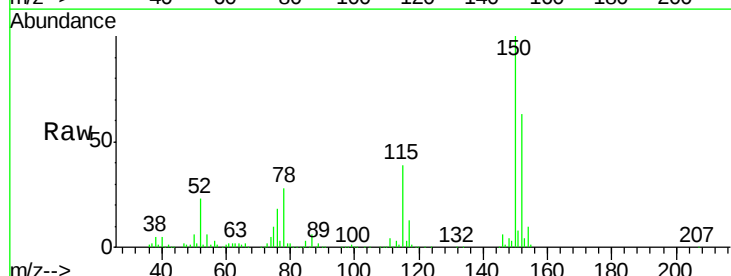
Tgt Ion:152 Resp: 204826

Ion Ratio Lower Upper

152 100

115 61.6 30.9 92.5

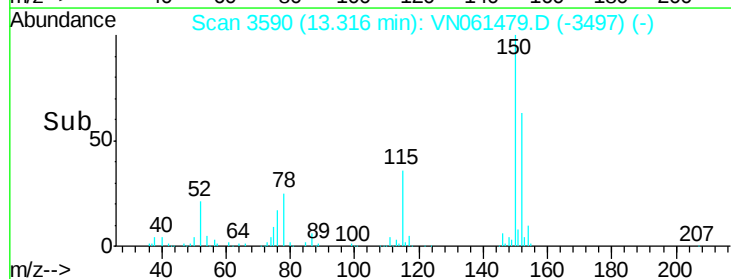
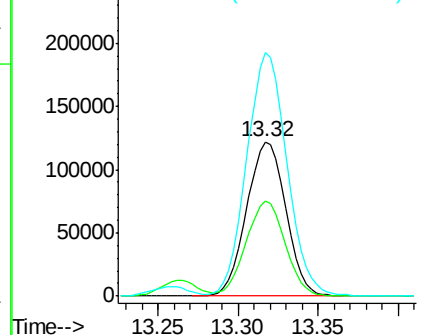
150 162.0 0.0 349.2

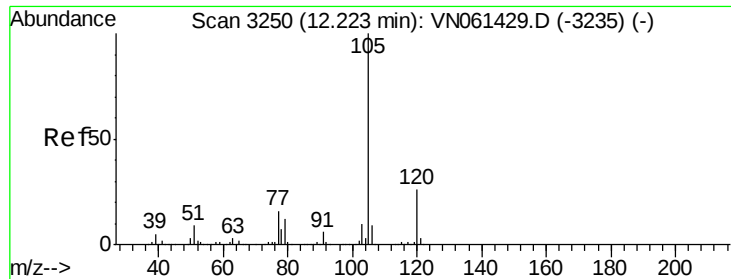


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.492 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0519WBSD01

Tot Ion:105 Resp: 304069

Ion Ratio Lower Upper

105 100

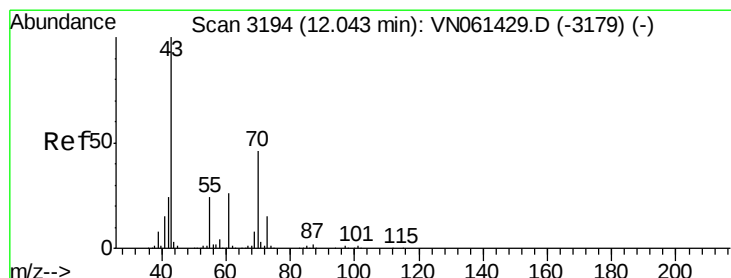
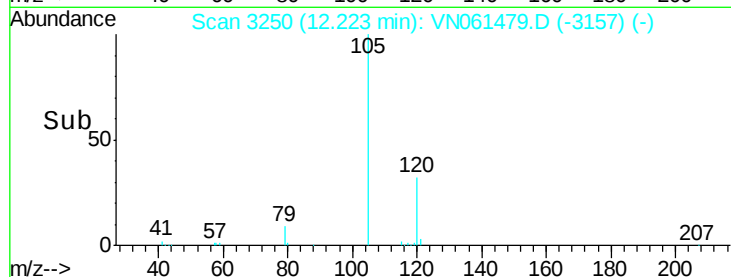
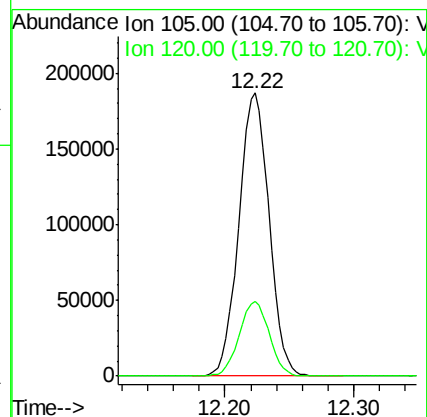
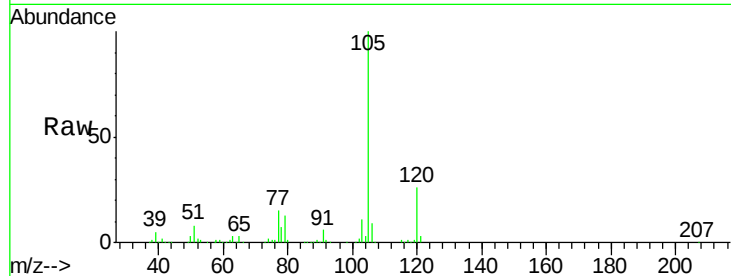
120 26.2 13.0 39.0

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#74

N-ethyl acetate

Concen: 17.367 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion: 43 Resp: 104527

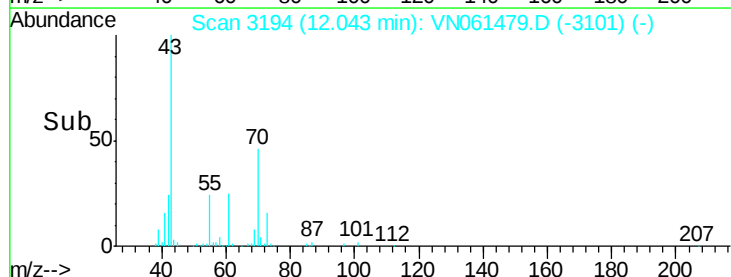
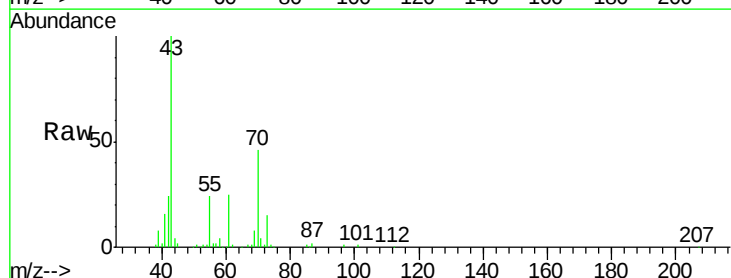
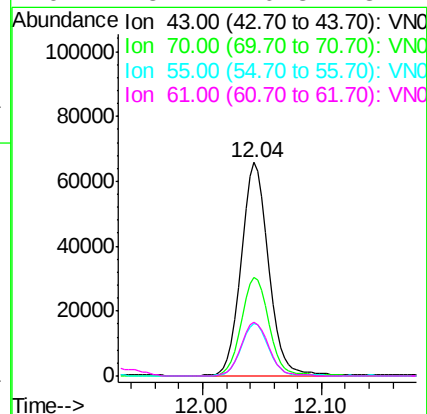
Ion Ratio Lower Upper

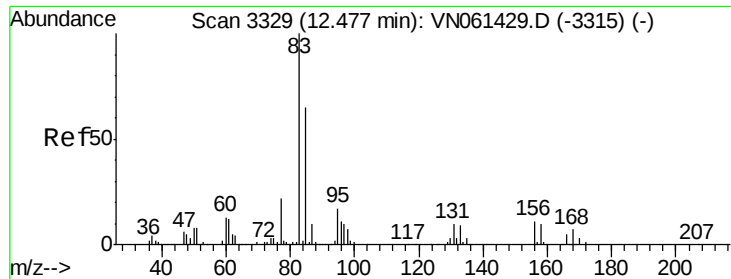
43 100

70 47.1 37.0 55.4

55 25.1 19.5 29.3

61 25.7 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.826 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

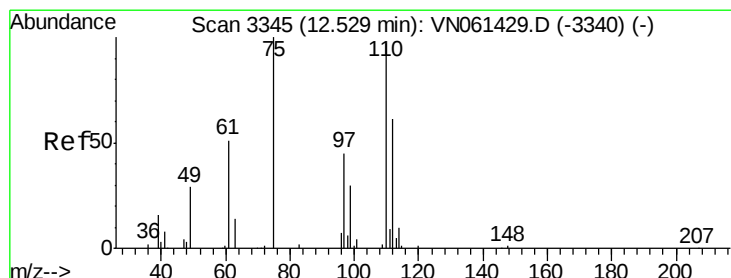
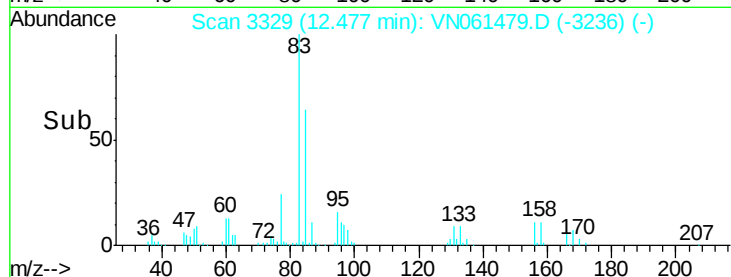
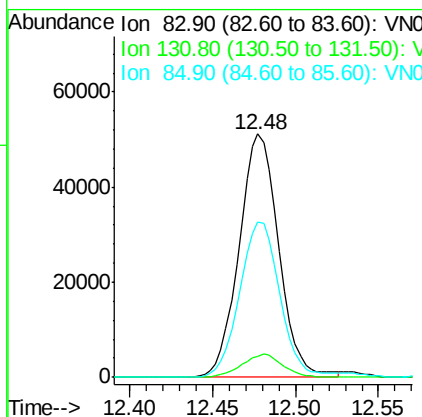
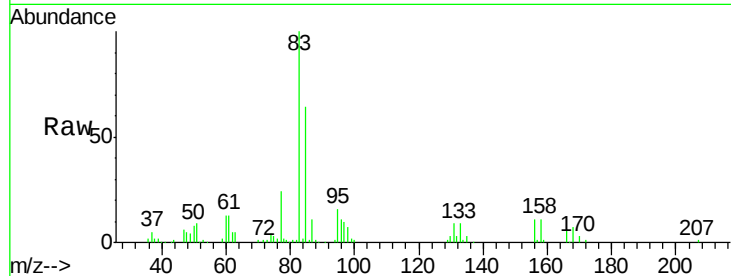
ClientSampleId :

VN0519WBSD01

Tot Ion:	83	Resp:	85167
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.4
85	64.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 17.647 ug/l m

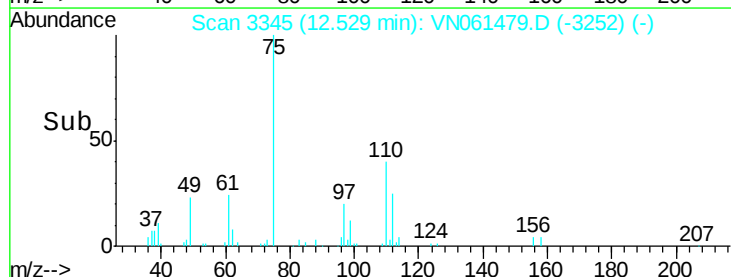
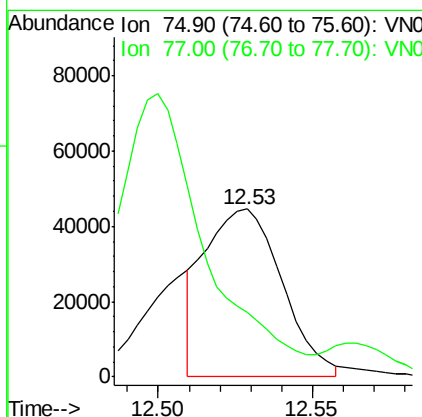
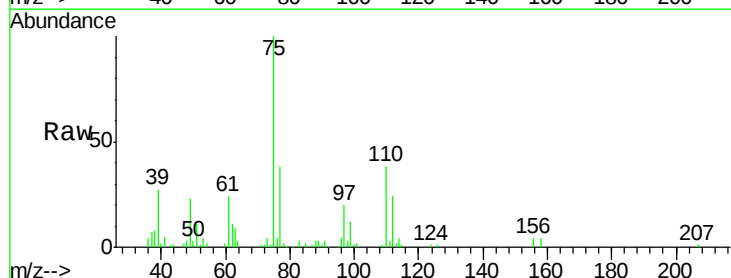
RT: 12.53 min Scan# 3345

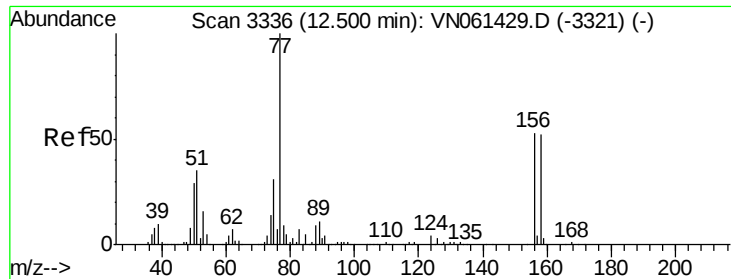
Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	75	Resp:	77558
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.265 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

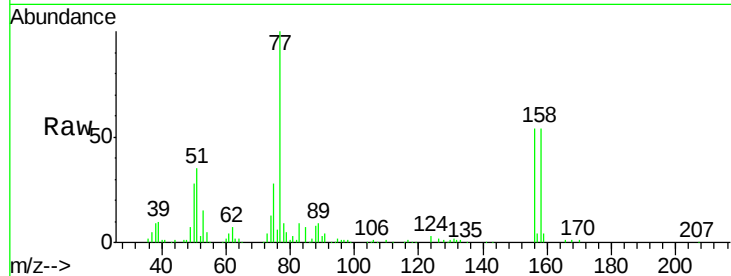
ClientSampleId :

VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	221.3	112.3	336.9
158	99.3	47.9	143.6

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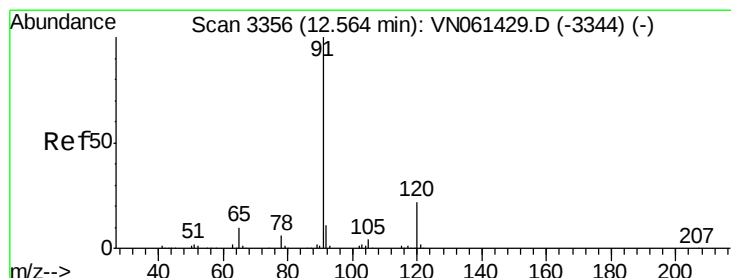
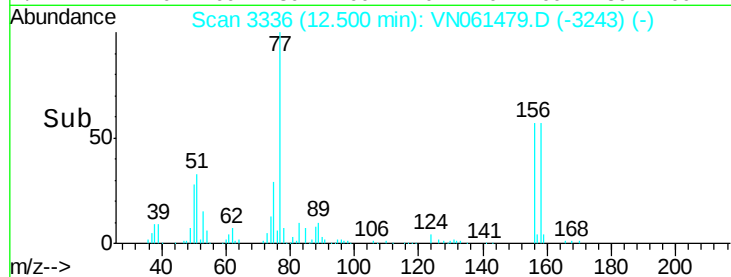
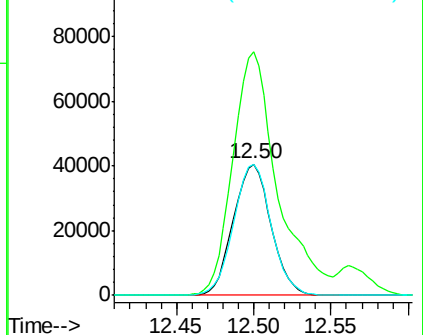
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.547 ug/l

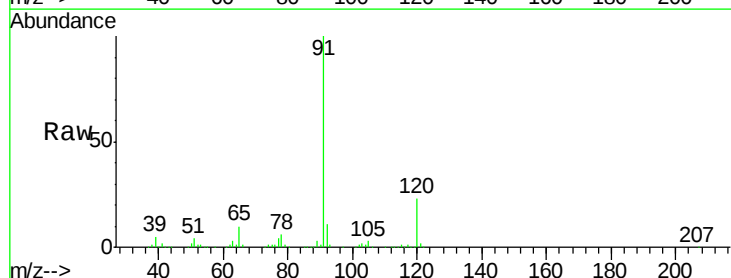
RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061479.D

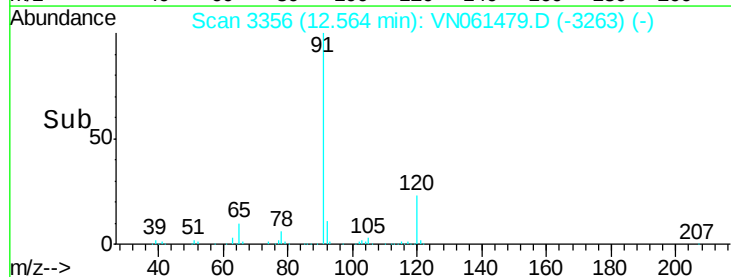
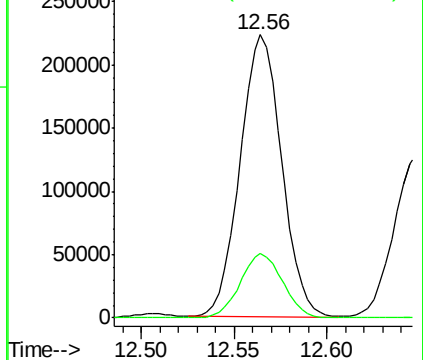
Acq: 19 May 2020 13:24

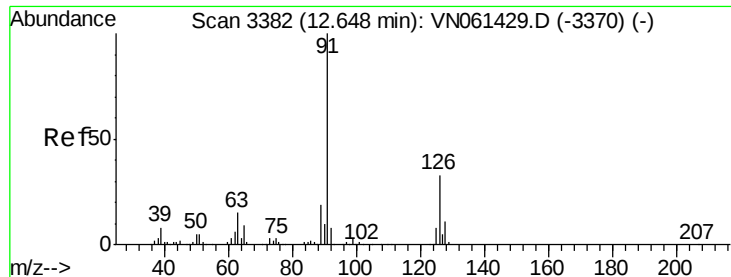
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.2	33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.397 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

ClientSampled :

VN0519WBSD01

Tot Ion: 91 Resp: 203734

Ion Ratio Lower Upper

91 100

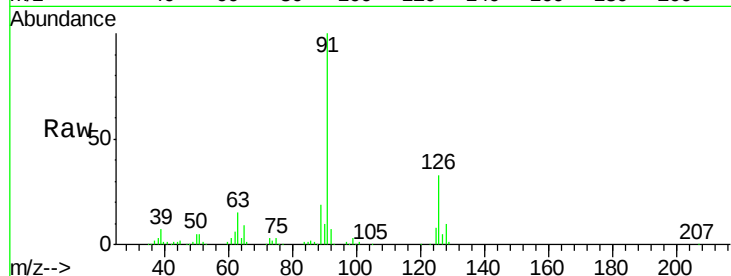
126 33.3 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061429.D (-3370) (-)

250000

200000

150000

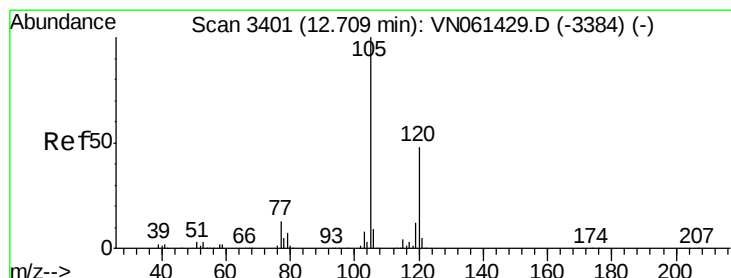
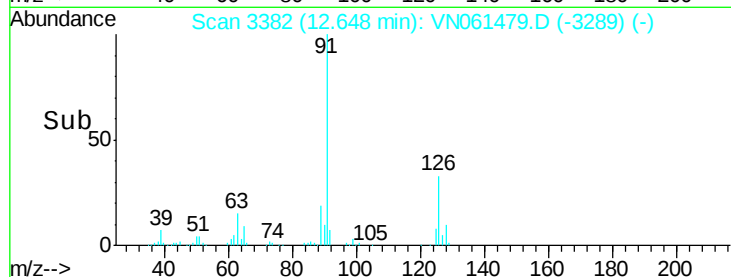
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.816 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061479.D

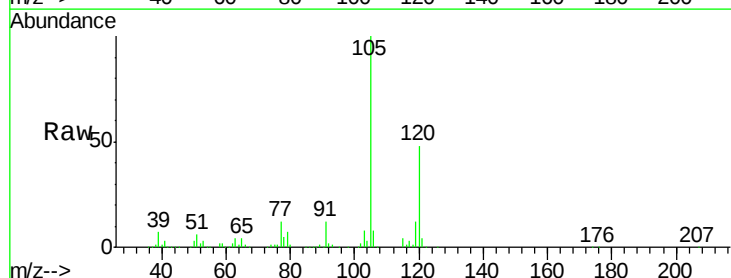
Acq: 19 May 2020 13:24

Tgt Ion: 105 Resp: 253334

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061429.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN061429.D (-3384) (-)

150000

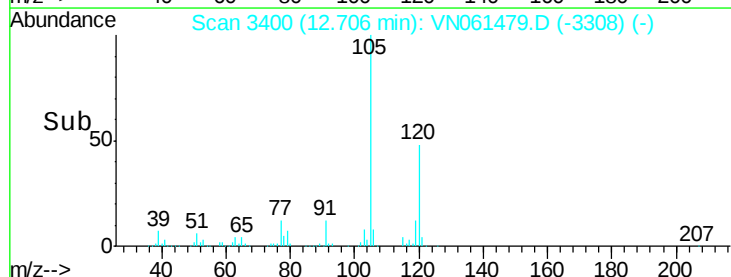
100000

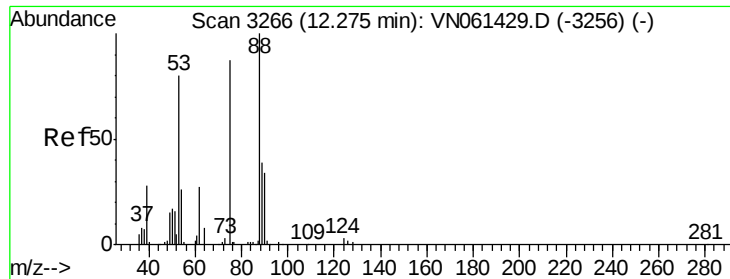
50000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.095 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

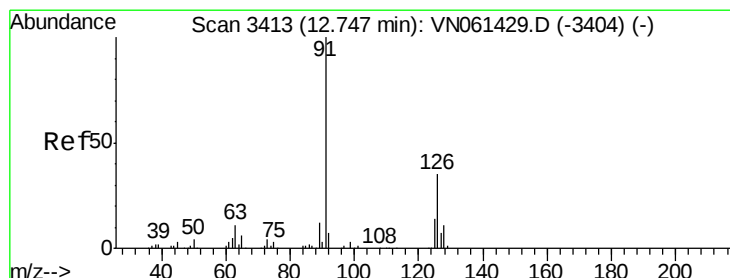
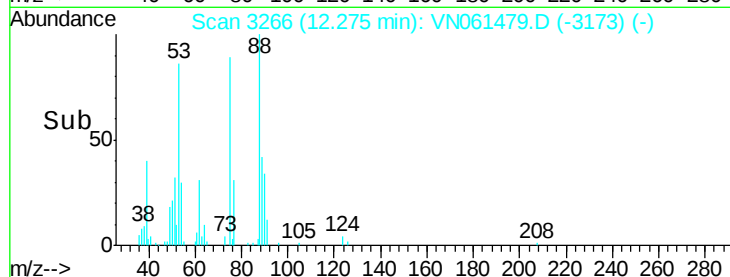
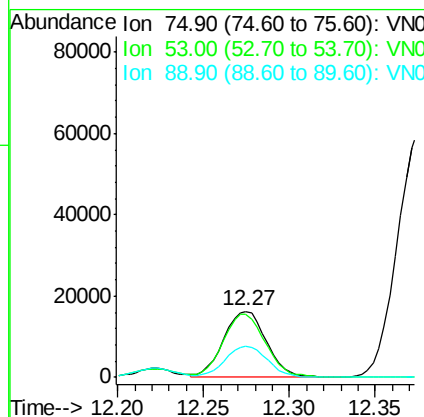
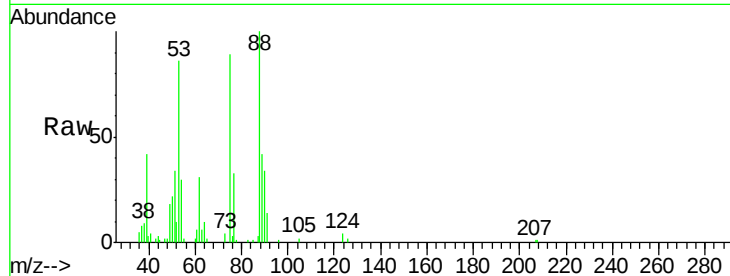
ClientSampled :

VN0519WBSD01

Tot Ion:	75	Resp:	28322
Ion	Ratio	Lower	Upper
75	100		
53	95.0	75.2	112.8
89	46.4	38.2	57.4

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#82

4-Chlorotoluene

Concen: 18.509 ug/l

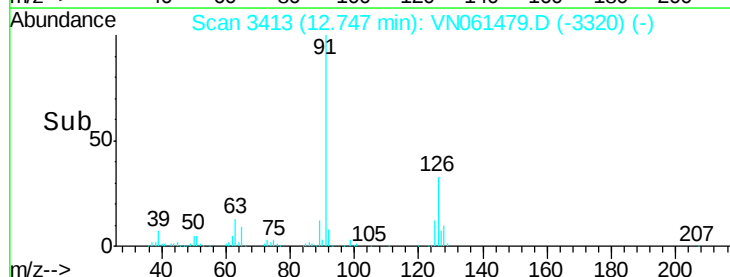
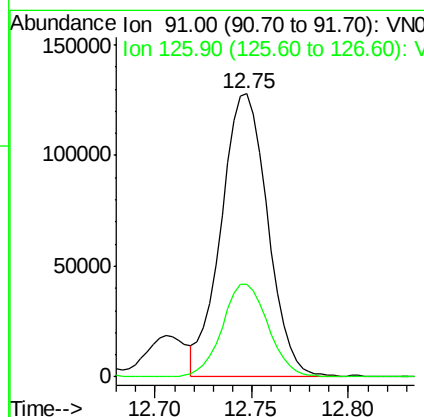
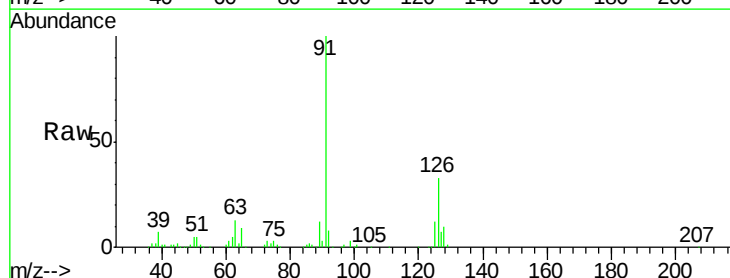
RT: 12.75 min Scan# 3413

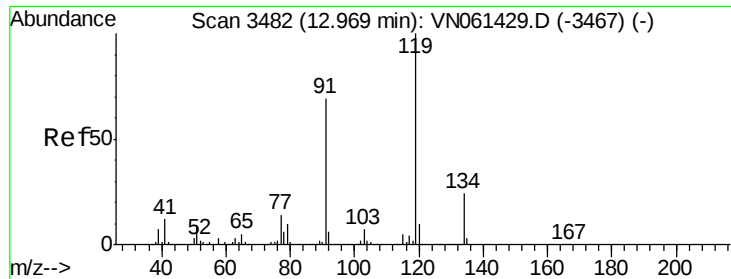
Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	91	Resp:	212234
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.2





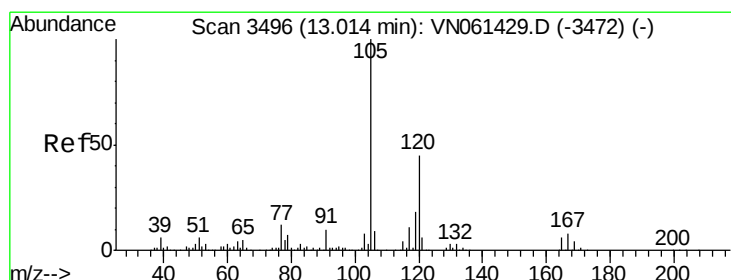
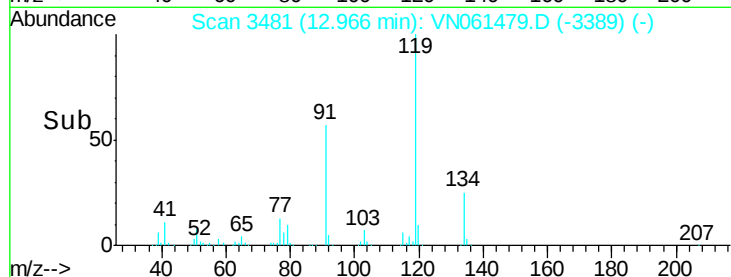
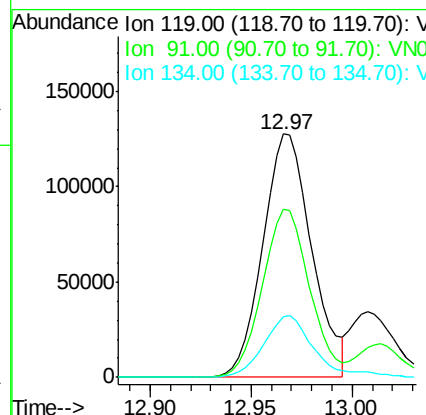
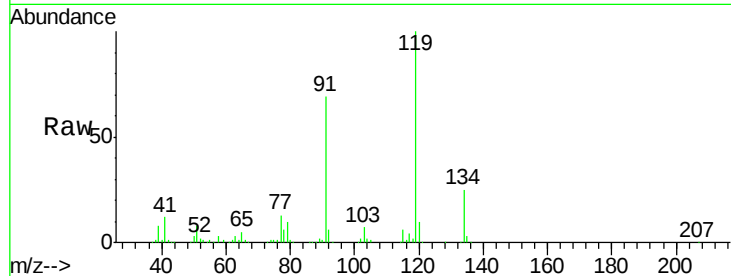
#83
 tert-Butylbenzene
 Concen: 18.666 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.7	101.0
134	25.9	12.8	38.3

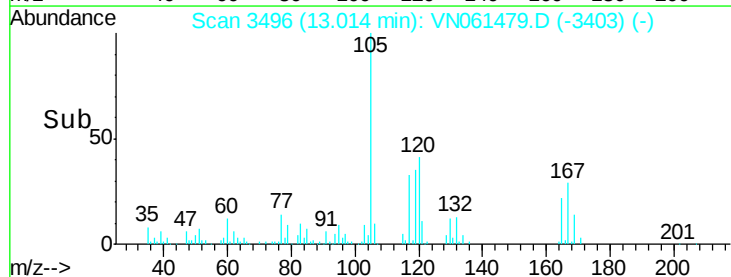
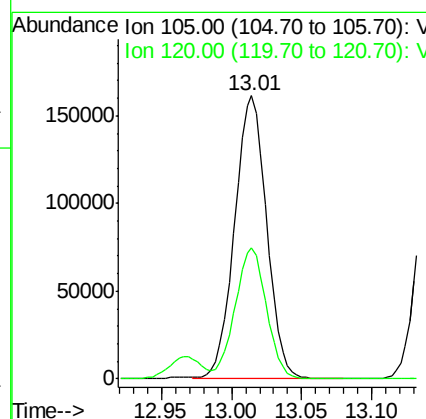
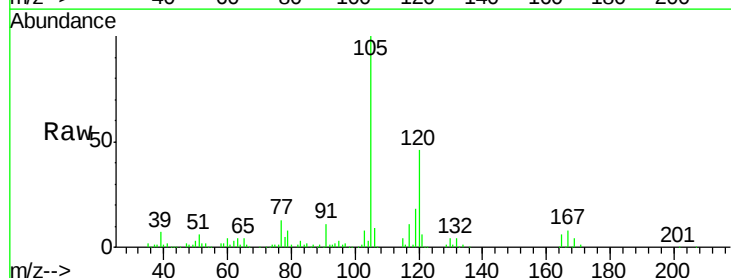
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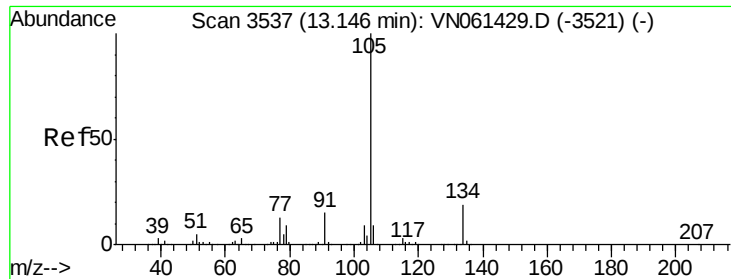
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.961 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.4	67.3





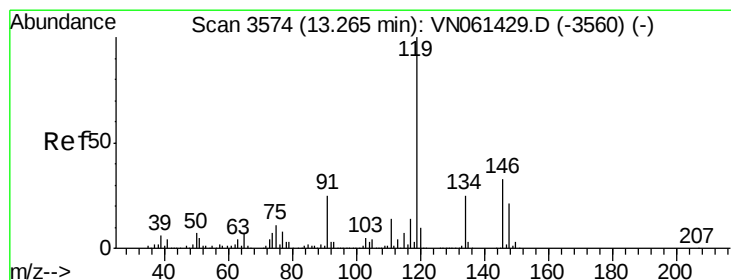
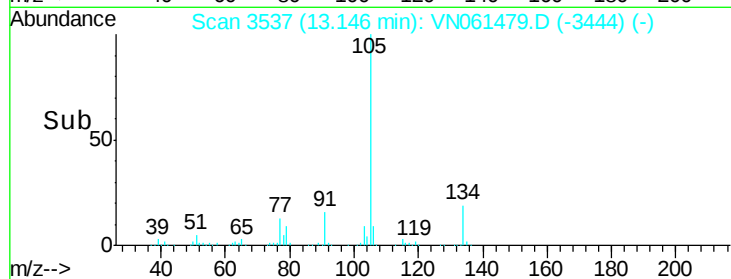
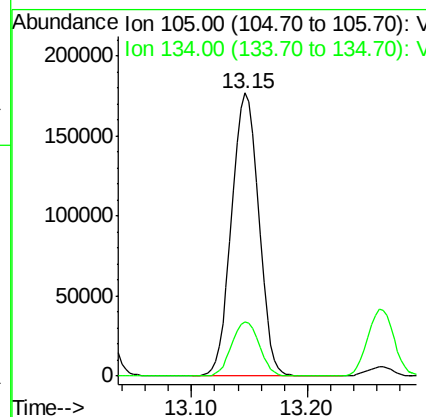
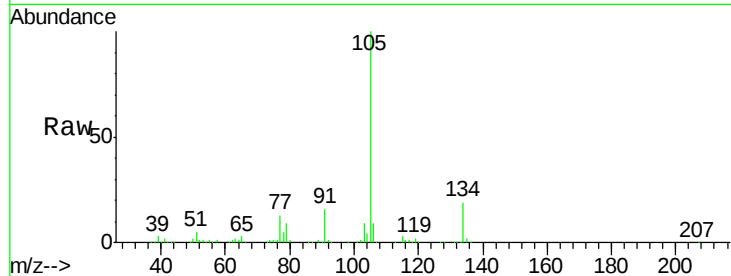
#85
 sec-Butylbenzene
 Concen: 18.364 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	286381		
134	19.5	9.8	29.5	

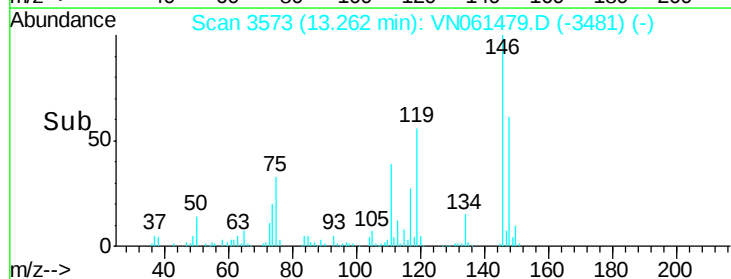
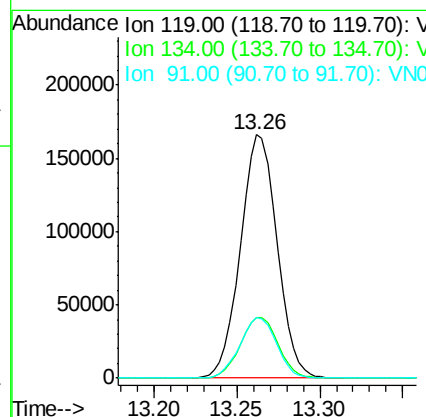
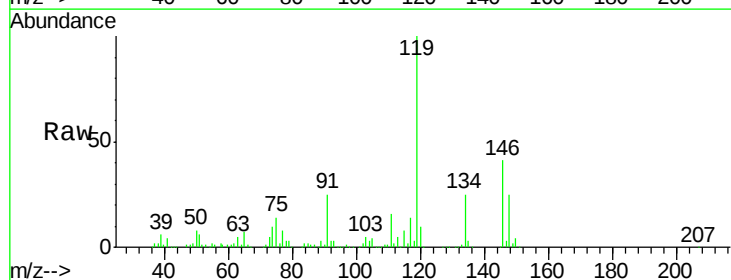
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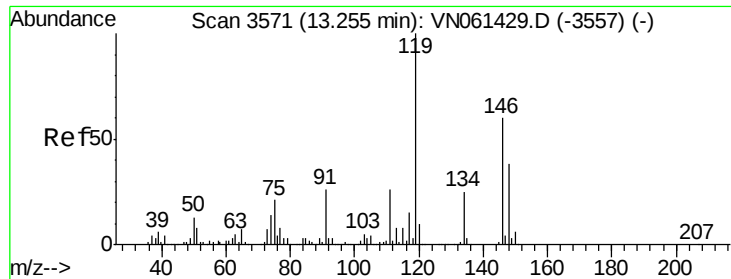
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#86
 p-Isopropyltoluene
 Concen: 18.449 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	255475		
134	25.8	12.7	38.1	
91	25.0	12.6	37.6	





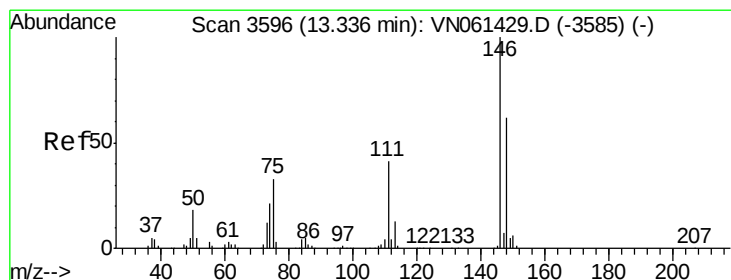
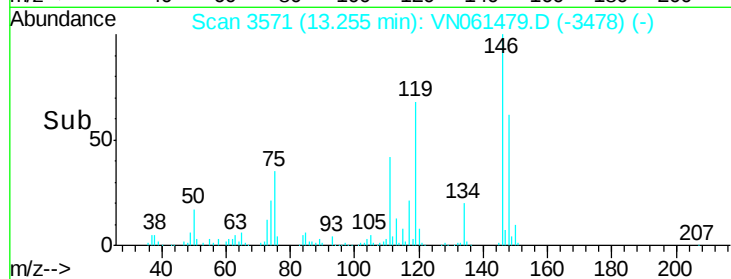
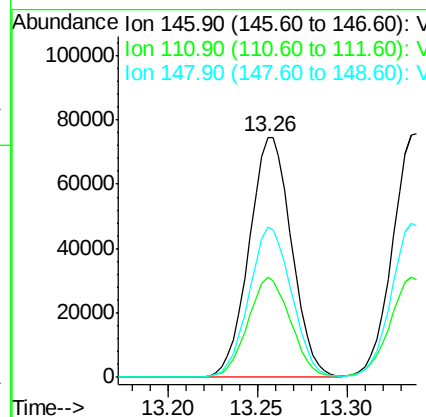
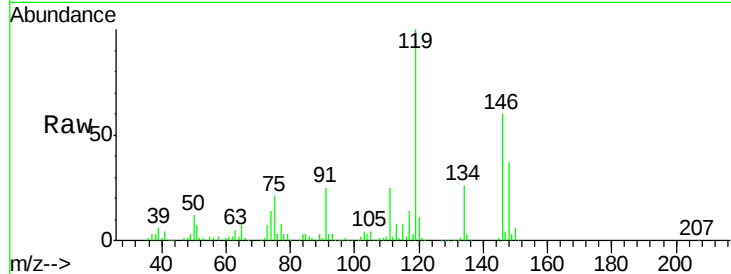
#87
 1,3-Dichlorobenzene
 Concen: 19.054 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	62.6	31.8	95.3

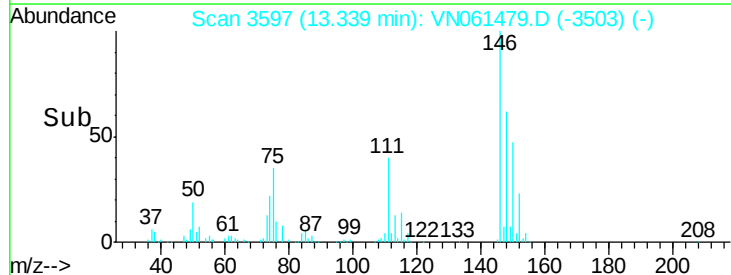
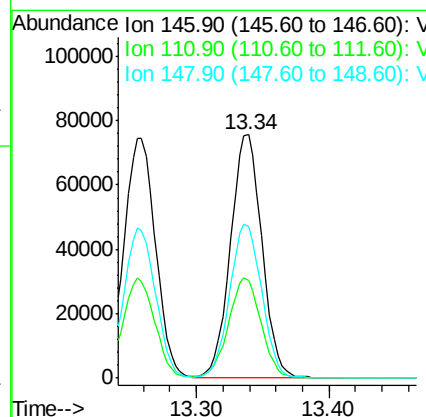
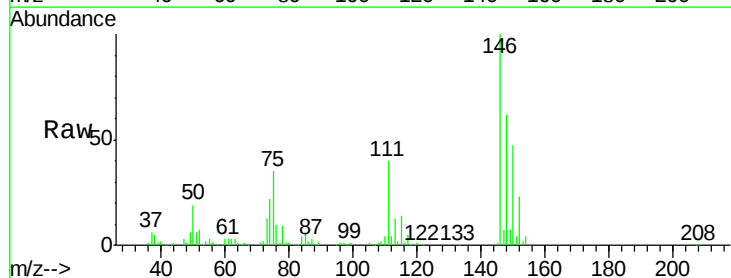
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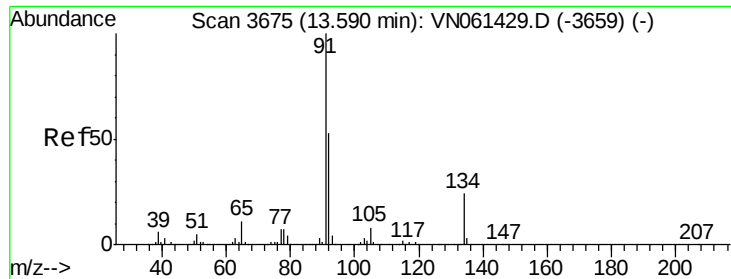
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#88
 1,4-Dichlorobenzene
 Concen: 19.009 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.8	62.5
148	64.6	31.6	94.8





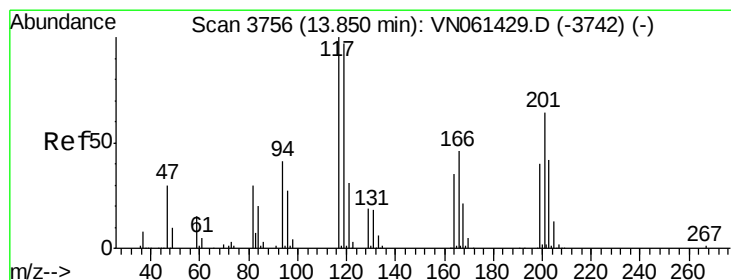
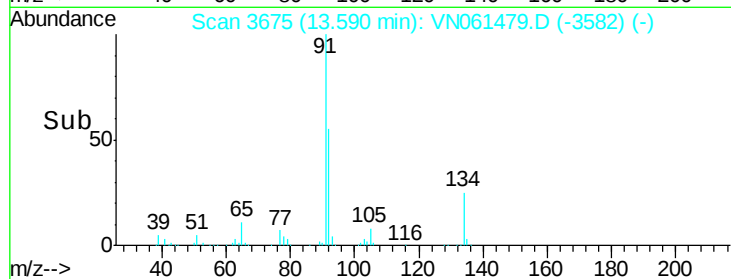
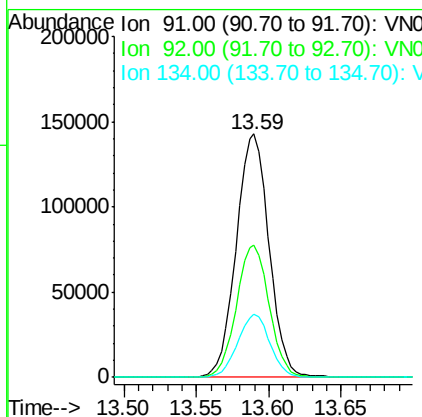
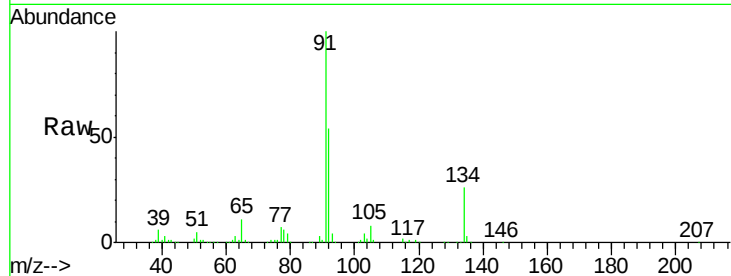
#89
n-Butylbenzene
Concen: 17.829 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.8	80.3
134	25.5	12.4	37.4

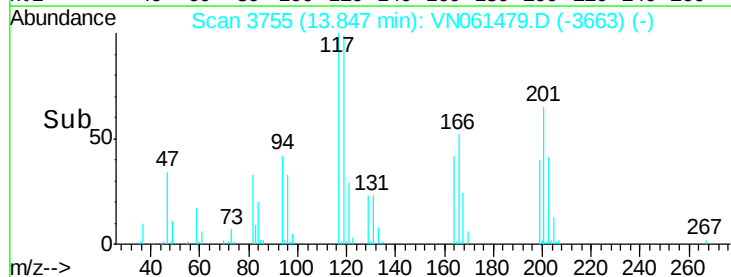
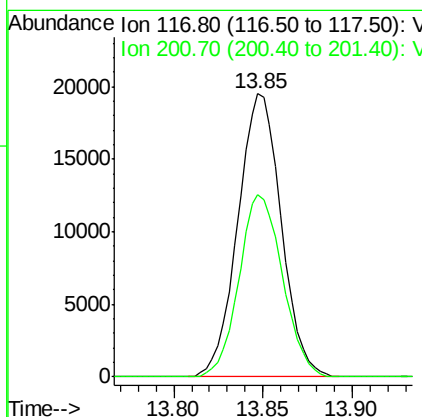
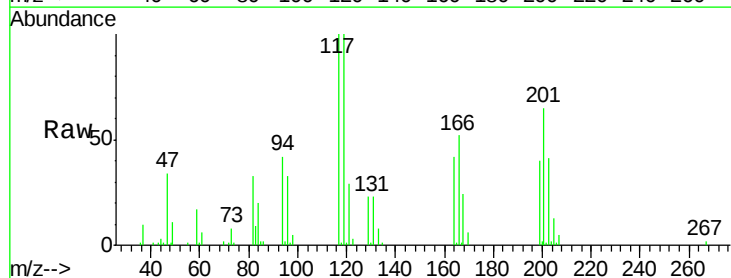
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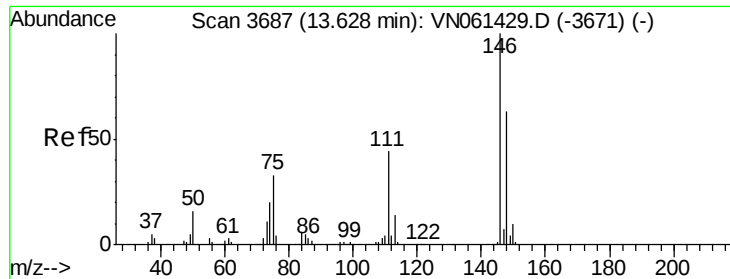
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#90
Hexachloroethane
Concen: 17.606 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061479.D
Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.3	32.9	98.7





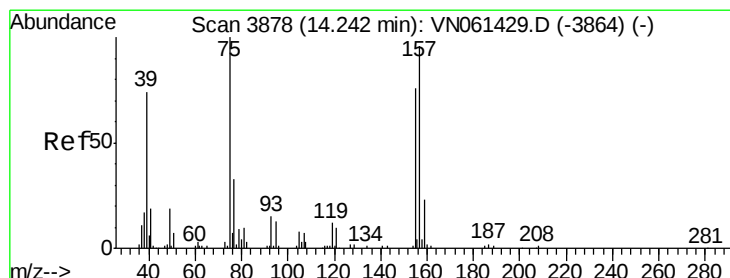
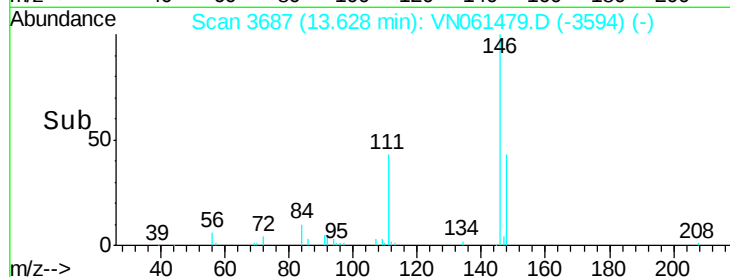
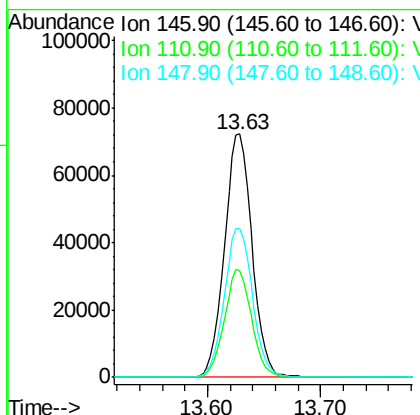
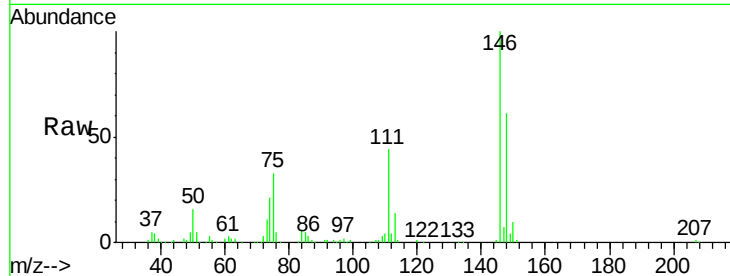
#91
 1,2-Dichlorobenzene
 Concen: 19.583 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122684		
111	43.5	21.9	65.7	
148	62.5	31.6	94.7	

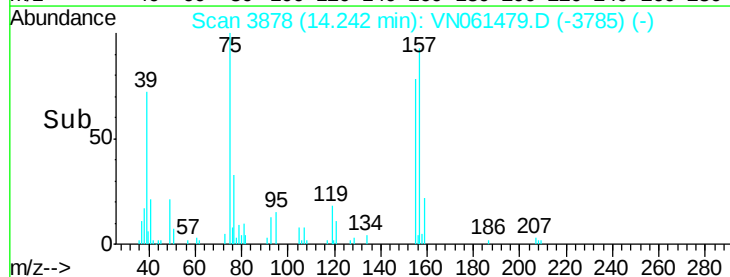
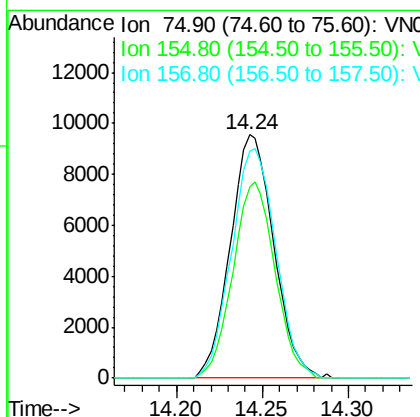
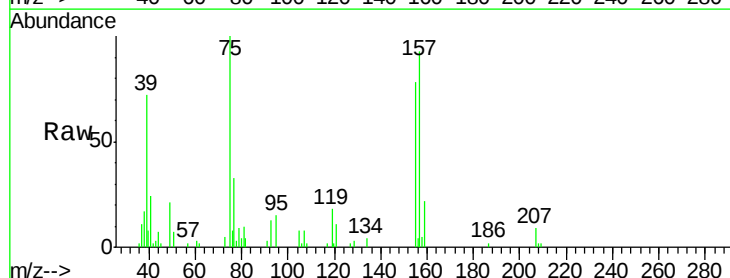
Manual Integrations
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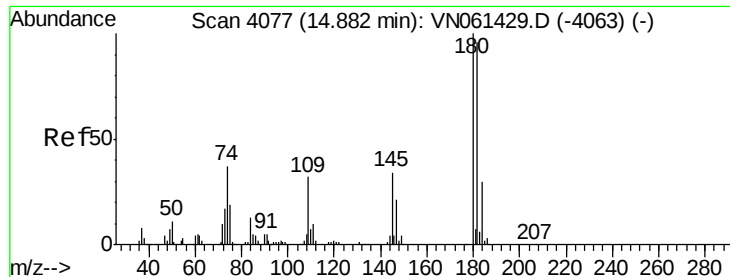
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.383 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16799		
155	77.7	38.9	116.7	
157	96.0	48.6	145.8	





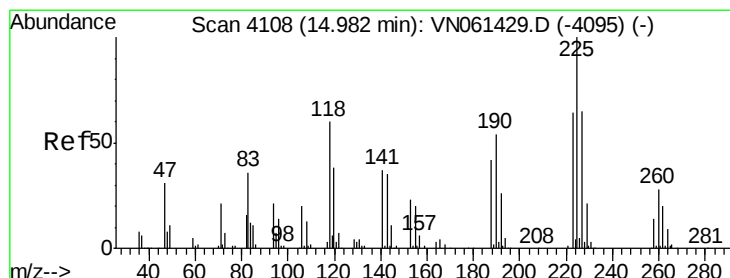
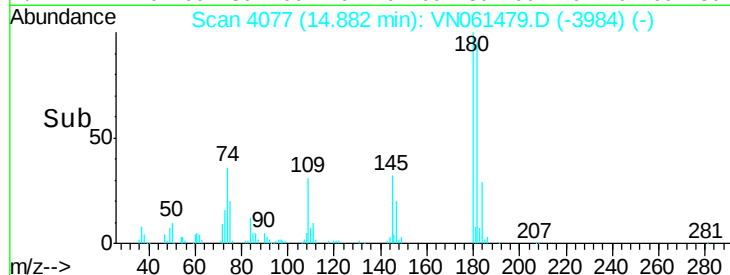
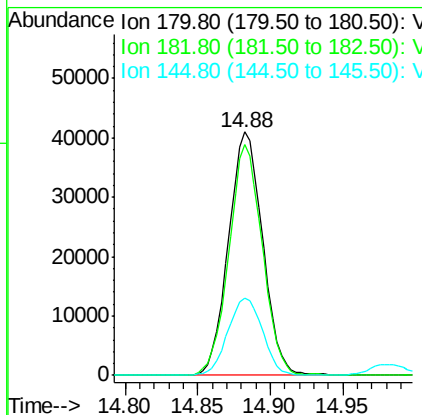
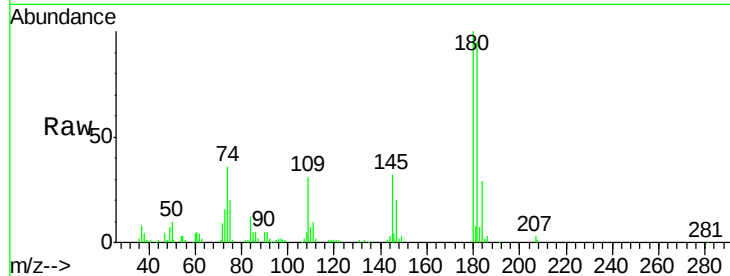
#93
 1,2,4-Trichlorobenzene
 Concen: 19.697 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	66909		
182	92.5	47.0	141.0	
145	32.2	16.7	50.0	

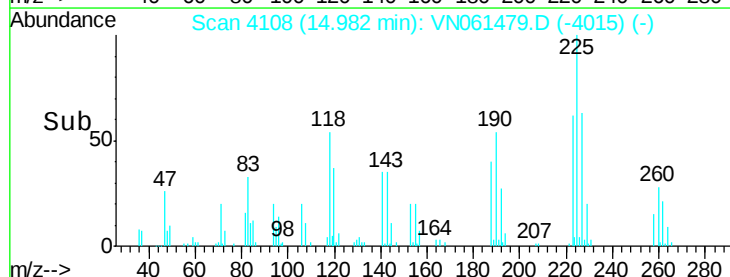
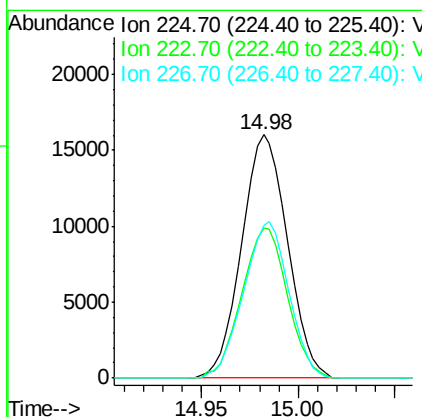
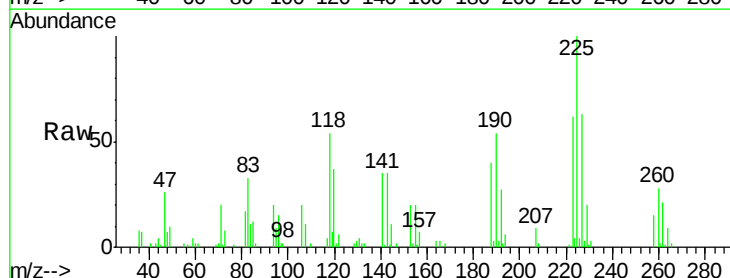
Manual Integrations
 APPROVED

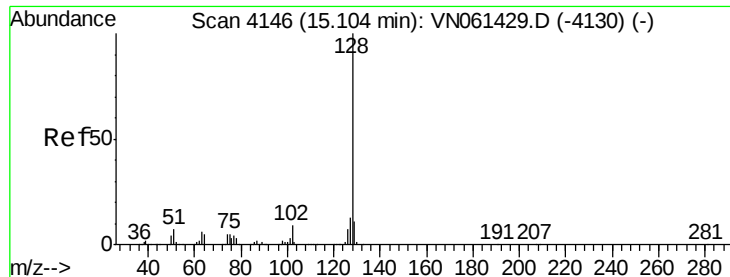
apatel
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#94
 Hexachlorobutadiene
 Concen: 17.496 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061479.D
 Acq: 19 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26407		
223	61.6	31.9	95.7	
227	63.3	31.5	94.5	





#95

Naphthalene

Concen: 19.610 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Instrument :

MSVOA_N

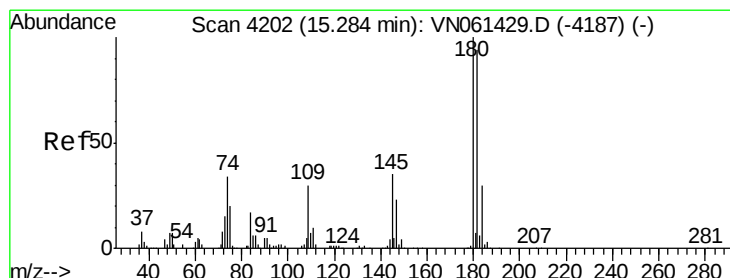
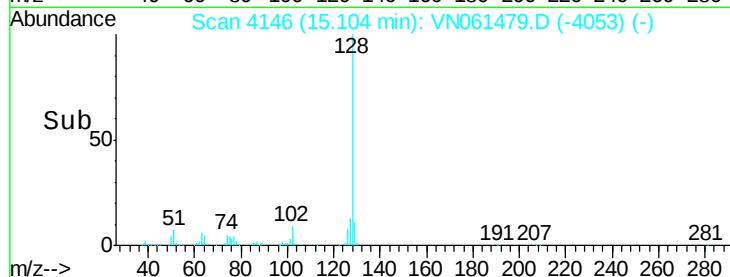
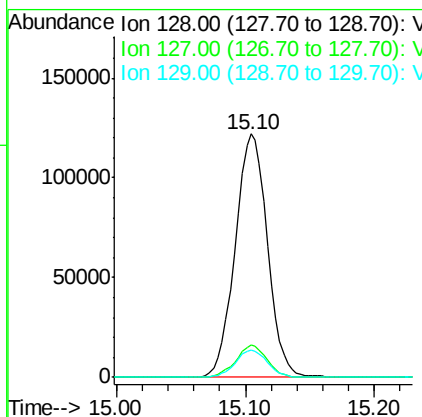
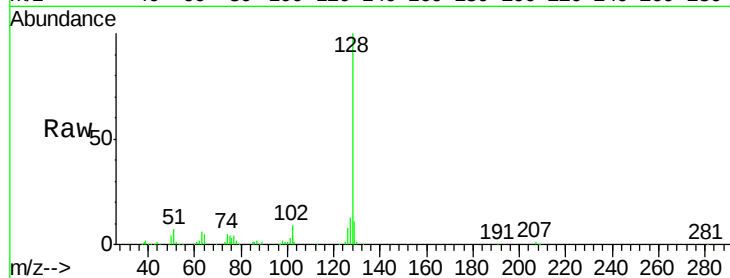
ClientSampleId :

VN0519WBSD01

Tot Ion:	128	Resp:	211775
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.116 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061479.D

Acq: 19 May 2020 13:24

Tgt Ion:	180	Resp:	64643
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.8	143.3
145	34.1	17.3	51.9

