

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064139.D
 Acq On : 15 Oct 2020 13:26
 Operator : JC/MD
 Sample : VN1015WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Manual Integrations
 APPROVED

apatel
 10/19/2020 11:25:59 AM

Quant Time: Oct 16 02:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	330818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	556013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	239386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	235402	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.55	113	191613	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	714534	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	241092	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61683	19.790	ug/l	97
3) Chloromethane	2.04	50	75671	19.492	ug/l	99
4) Vinyl Chloride	2.16	62	92584	19.159	ug/l	98
5) Bromomethane	2.53	94	73282	20.208	ug/l	98
6) Chloroethane	2.68	64	72000	18.741	ug/l	99
7) Trichlorofluoromethane	2.98	101	129185	19.437	ug/l	96
8) Diethyl Ether	3.38	74	38843	18.680	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	66460	20.369	ug/l	95
10) Methyl Iodide	3.91	142	81754	17.773	ug/l	98
11) Tert butyl alcohol	4.73	59	49987	95.820	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	62562	18.987	ug/l	96
13) Acrolein	3.57	56	51248	119.601	ug/l	95
14) Allyl chloride	4.28	41	93714	18.229	ug/l	97
15) Acrylonitrile	4.94	53	143702	95.938	ug/l	98
16) Acetone	3.78	43	140838	100.777	ug/l	97
17) Carbon Disulfide	4.01	76	181198	19.240	ug/l	97
18) Methyl Acetate	4.28	43	65050	18.556	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	181625	18.688	ug/l	100
20) Methylene Chloride	4.51	84	79727	18.437	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	72076	19.294	ug/l	97
22) Diisopropyl ether	5.90	45	198001	19.826	ug/l #	87
23) Vinyl Acetate	5.85	43	871500	97.691	ug/l	97
24) 1,1-Dichloroethane	5.80	63	136285	19.541	ug/l	99
25) 2-Butanone	6.79	43	206858	96.234	ug/l	98
26) 2,2-Dichloropropane	6.78	77	114603	19.751	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	84215	19.164	ug/l	99
28) Bromochloromethane	7.15	49	58312	17.554	ug/l #	99
29) Tetrahydrofuran	7.17	42	118186	94.077	ug/l	98
30) Chloroform	7.33	83	147817	19.895	ug/l	98
31) Cyclohexane	7.62	56	94791	18.199	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	124766	19.433	ug/l	98
36) 1,1-Dichloropropene	7.75	75	97166	18.131	ug/l	99
37) Ethyl Acetate	6.88	43	91298	19.196	ug/l #	85
38) Carbon Tetrachloride	7.73	117	108429	18.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	81134	18.008	ug/l	96
40) Benzene	8.00	78	319182	19.667	ug/l	98
41) Methacrylonitrile	7.13	41	39594	19.228	ug/l #	89
42) 1,2-Dichloroethane	8.09	62	114846	19.888	ug/l	99
43) Isopropyl Acetate	8.13	43	147894	18.739	ug/l #	89
44) Trichloroethene	8.80	130	81558	19.111	ug/l	95
45) 1,2-Dichloropropane	9.08	63	82163	19.323	ug/l	100
46) Dibromomethane	9.17	93	58526	19.401	ug/l	99
47) Bromodichloromethane	9.37	83	117132	19.846	ug/l	99
48) Methyl methacrylate	9.17	41	65494	17.965	ug/l	93
49) 1,4-Dioxane	9.17	88	21930	396.142	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	460813	98.670	ug/l	98
52) Toluene	10.13	92	195319	19.587	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	116931	19.309	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	128325	19.285	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	81412	19.707	ug/l	97
56) Ethyl methacrylate	10.40	69	97662	17.864	ug/l	99
57) 1,3-Dichloropropane	10.68	76	130724	19.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	248261	89.785	ug/l	99
59) 2-Hexanone	10.72	43	318486	92.650	ug/l	99
60) Dibromochloromethane	10.87	129	90715	19.548	ug/l	99
61) 1,2-Dibromoethane	10.98	107	82598	19.643	ug/l	100
64) Tetrachloroethene	10.60	164	78628	19.435	ug/l	98
65) Chlorobenzene	11.41	112	215174	19.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	81903	19.090	ug/l	100
67) Ethyl Benzene	11.49	91	353410	18.670	ug/l	99
68) m/p-Xylenes	11.59	106	270382	36.081	ug/l	99
69) o-Xylene	11.92	106	127190	18.077	ug/l	100
70) Styrene	11.94	104	214210	17.995	ug/l	98
71) Bromoform	12.10	173	61004	18.629	ug/l #	98
73) Isopropylbenzene	12.23	105	329843	19.022	ug/l	100
74) N-amyl acetate	12.05	43	114086	17.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	111539	18.683	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	101909m	18.146	ug/l	
77) Bromobenzene	12.50	156	88652	18.832	ug/l	96
78) n-propylbenzene	12.57	91	379370	19.602	ug/l	99
79) 2-Chlorotoluene	12.65	91	236691	19.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	272669	19.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	33278	18.103	ug/l	94
82) 4-Chlorotoluene	12.75	91	236712	19.081	ug/l	100
83) tert-Butylbenzene	12.97	119	219181	19.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	268997	18.659	ug/l	100
85) sec-Butylbenzene	13.15	105	286390	19.354	ug/l	100
86) p-Isopropyltoluene	13.26	119	251074	18.364	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	151401	19.303	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	149691	18.659	ug/l	99
89) n-Butylbenzene	13.59	91	196263	18.202	ug/l	99
90) Hexachloroethane	13.85	117	46947	19.064	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	150233	19.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21254	18.497	ug/l	91

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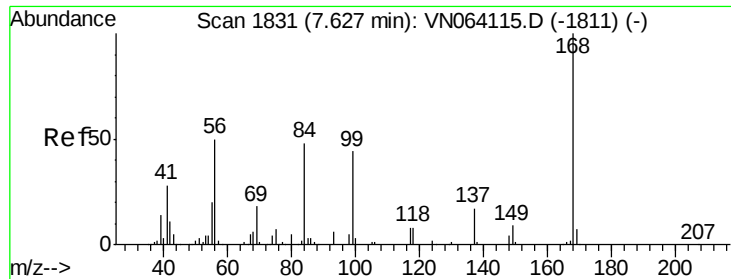
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	57785	17.296	ug/l	98
94) Hexachlorobutadiene	14.98	225	35001	18.821	ug/l	98
95) Naphthalene	15.10	128	160959	16.491	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	57172	16.933	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion:168 Resp: 330818

Ion Ratio Lower Upper

168 100

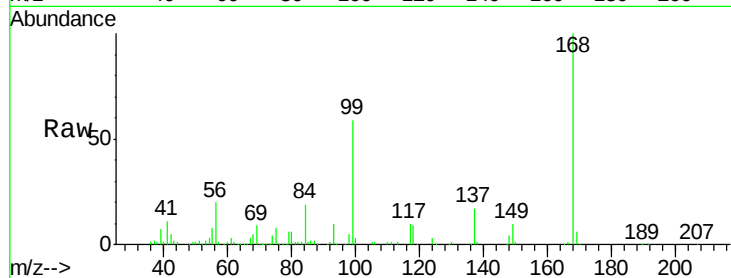
99 58.5 43.6 65.4

Manual Integrations

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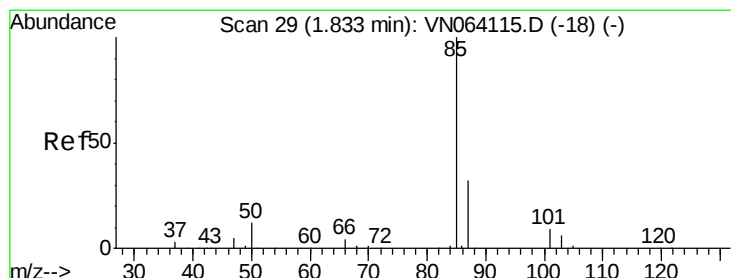
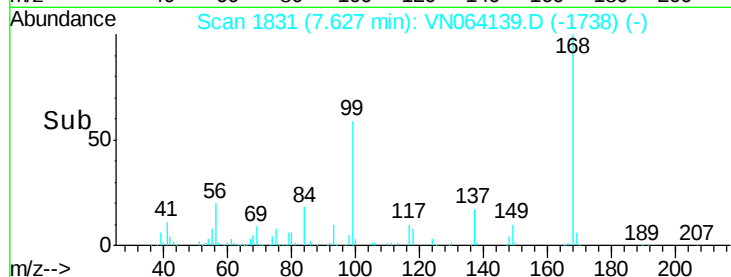
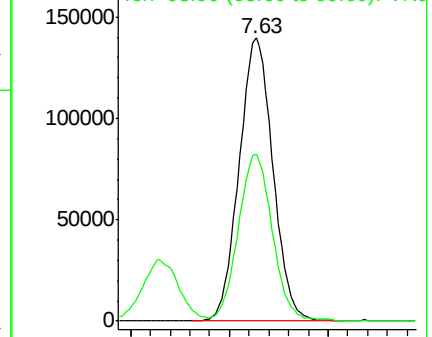
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.790 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064139.D

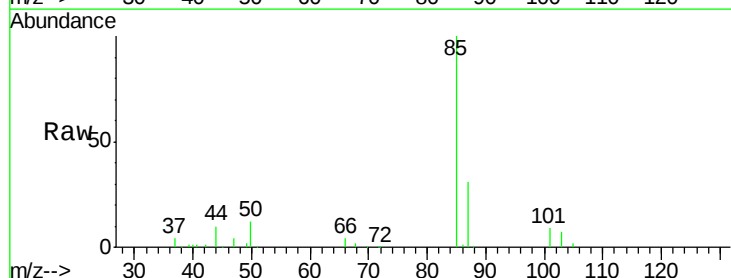
Acq: 15 Oct 2020 13:26

Tgt Ion: 85 Resp: 61683

Ion Ratio Lower Upper

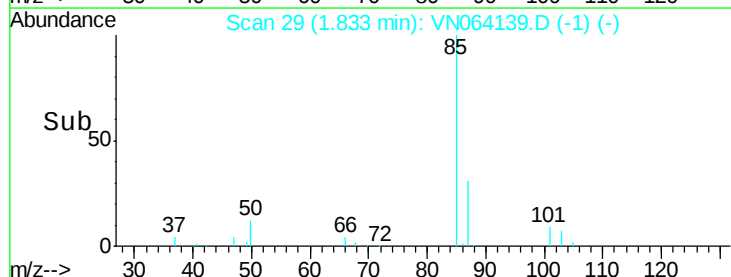
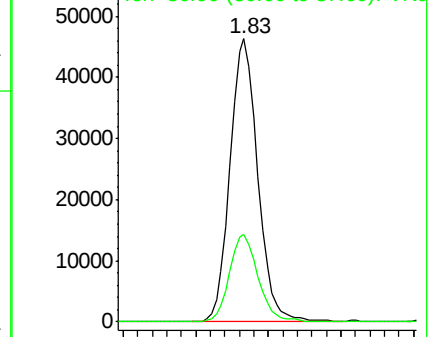
85 100

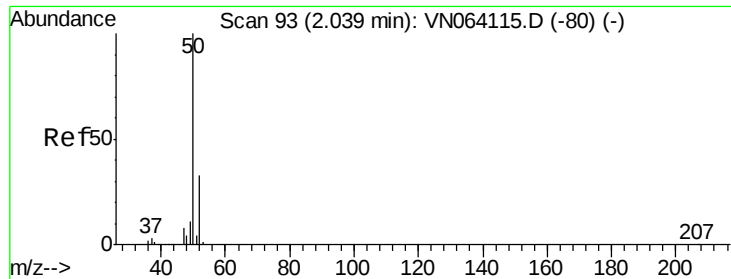
87 30.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.492 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 50 Resp: 75671

Ion Ratio Lower Upper

50 100

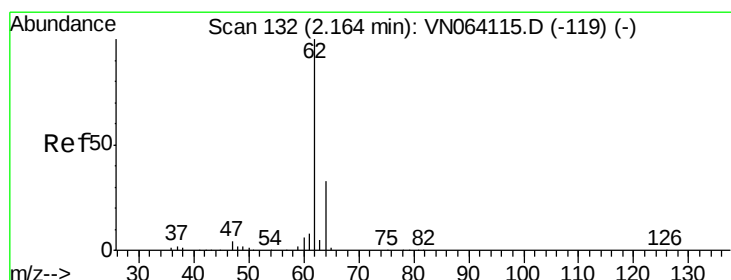
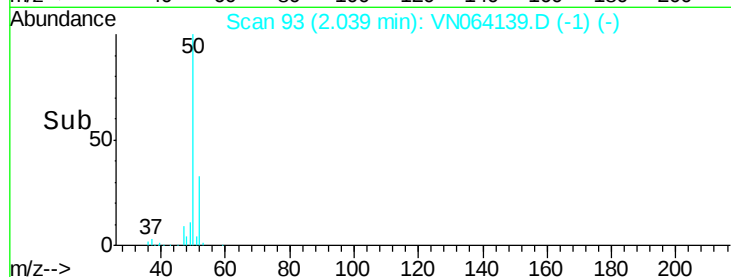
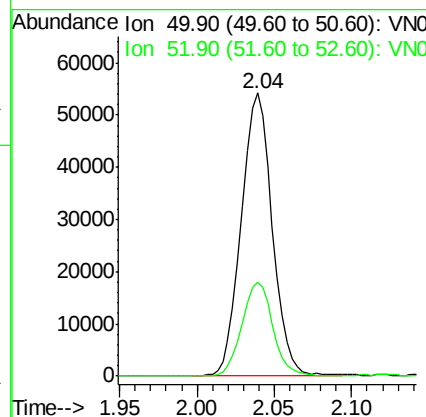
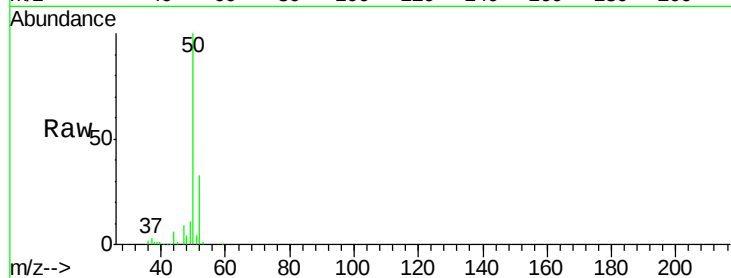
52 33.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 19.159 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064139.D

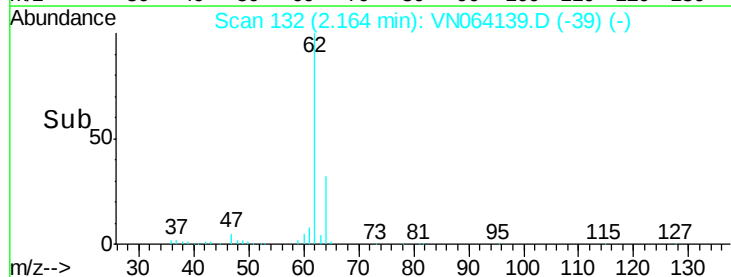
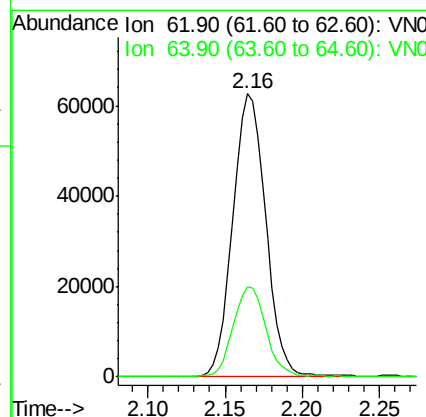
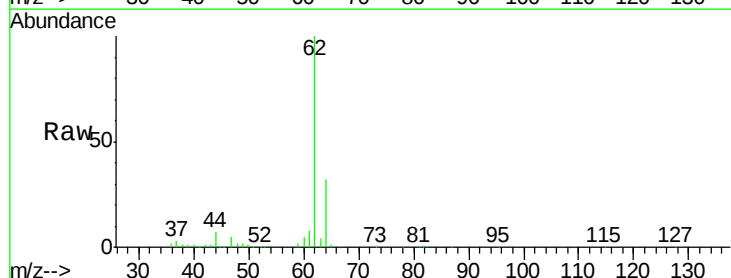
Acq: 15 Oct 2020 13:26

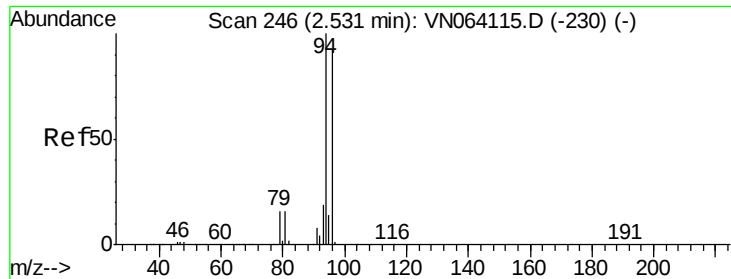
Tgt Ion: 62 Resp: 92584

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.4





#5

Bromomethane

Concen: 20.208 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

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ClientSampleId :

VN1015WBS01

Tot Ion: 94 Resp: 73282

Ion Ratio Lower Upper

94 100

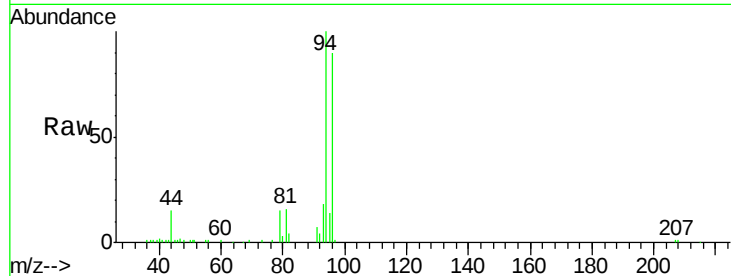
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Manual Integrations

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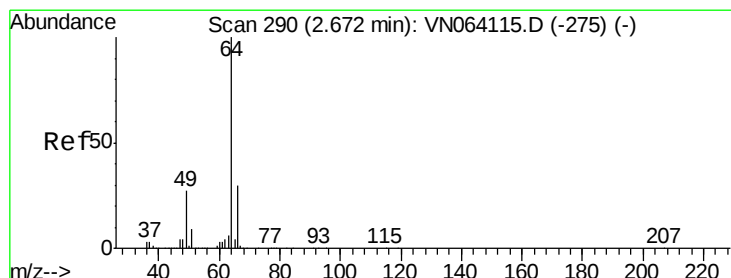
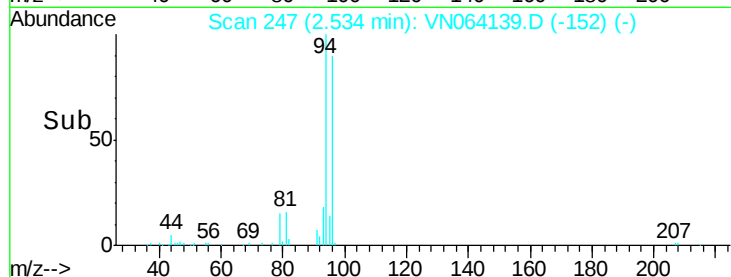
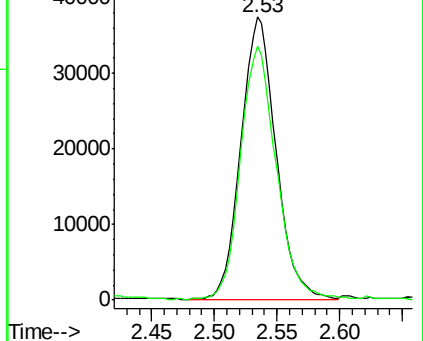
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.741 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064139.D

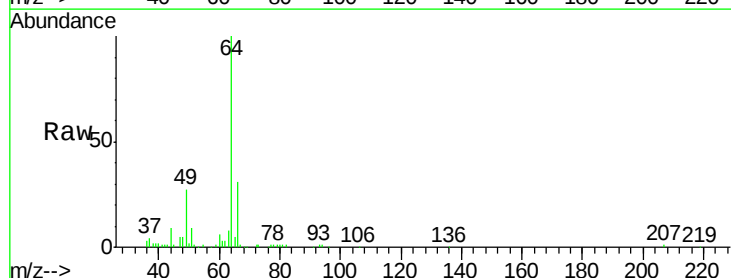
Acq: 15 Oct 2020 13:26

Tgt Ion: 64 Resp: 72000

Ion Ratio Lower Upper

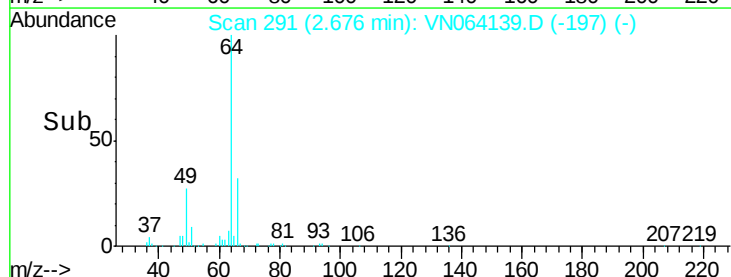
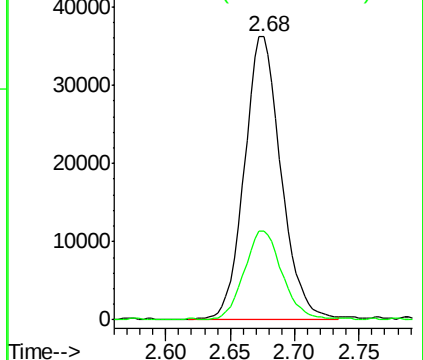
64 100

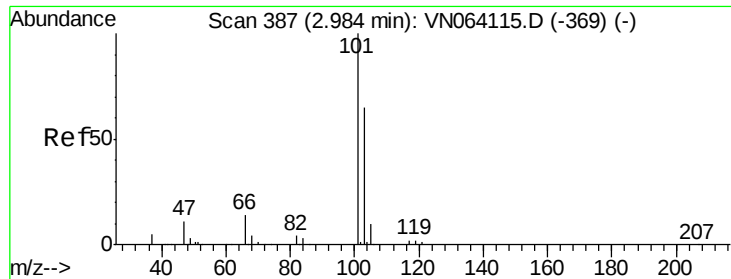
66 31.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

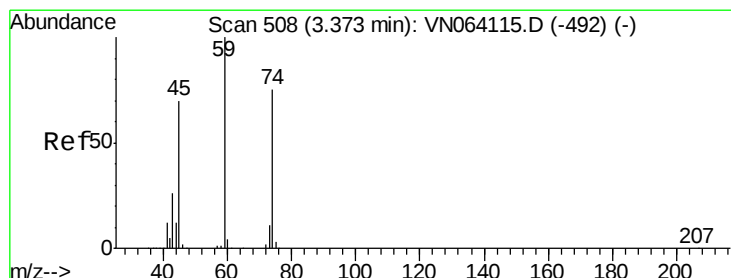
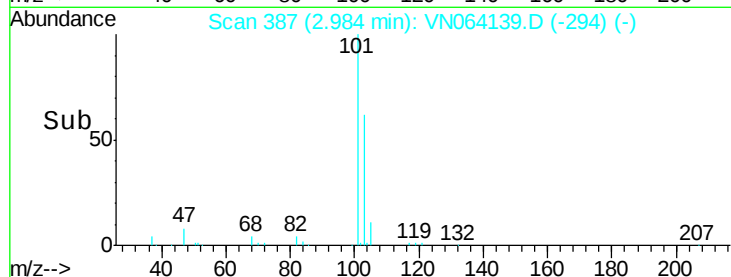
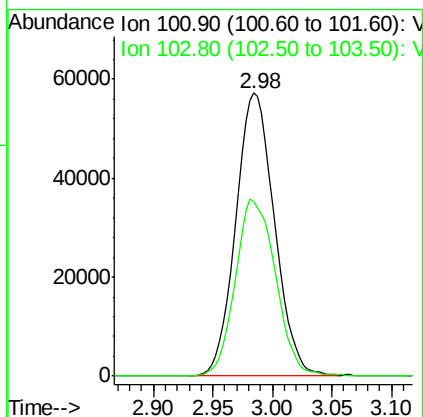
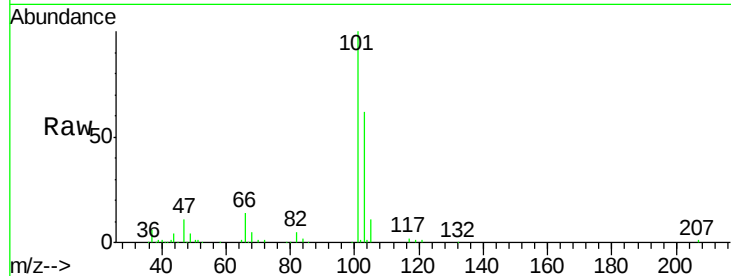
Trichlorofluoromethane
Concen: 19.437 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064139.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	129185		
103	61.8	51.8	77.6	

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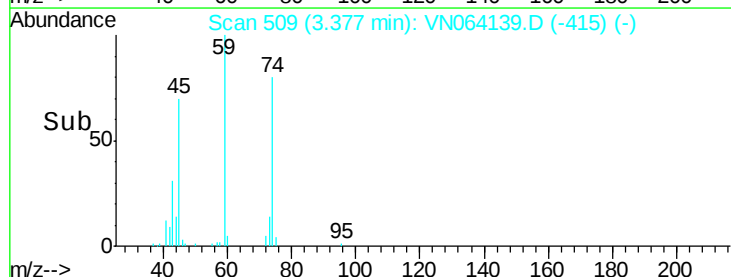
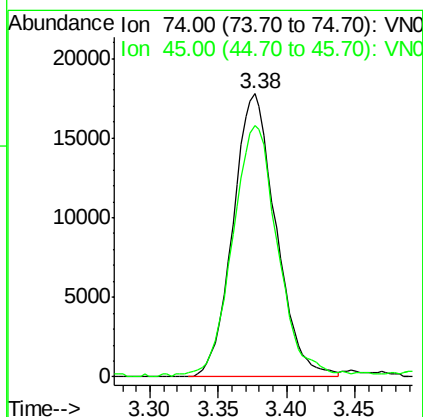
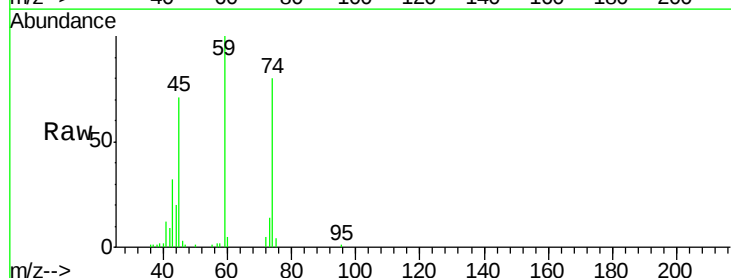
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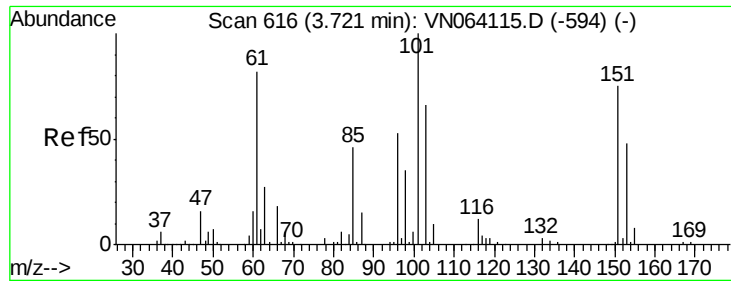


#8

Diethyl Ether
Concen: 18.680 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	38843		
45	93.9	47.0	141.0	





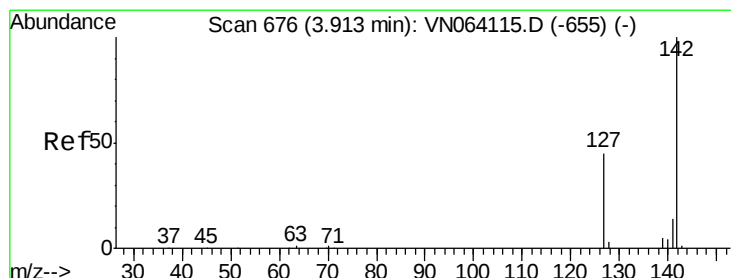
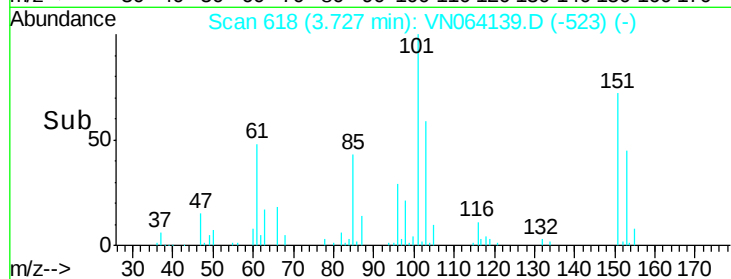
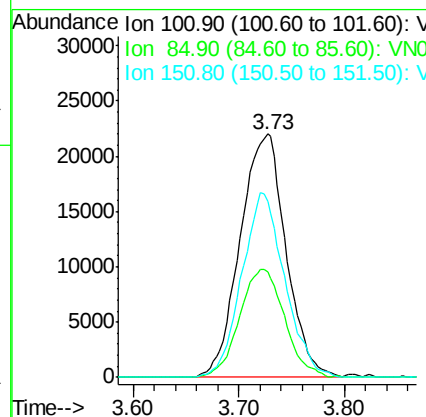
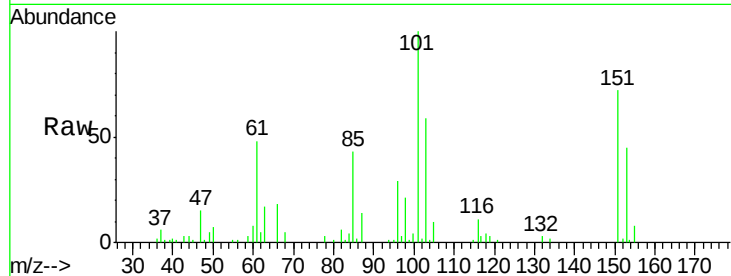
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.369 ug/l
 RT: 3.73 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	36.9	55.3
151	71.4	60.7	91.1

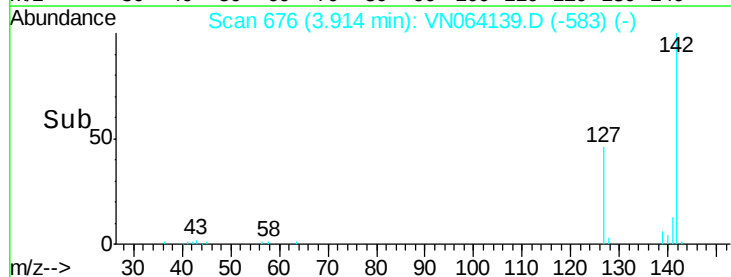
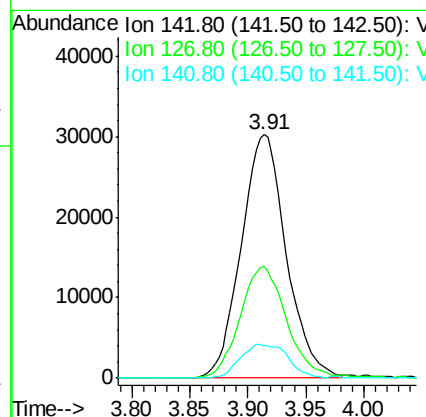
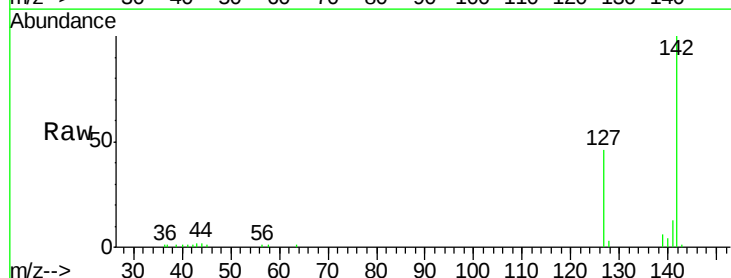
Manual Integrations
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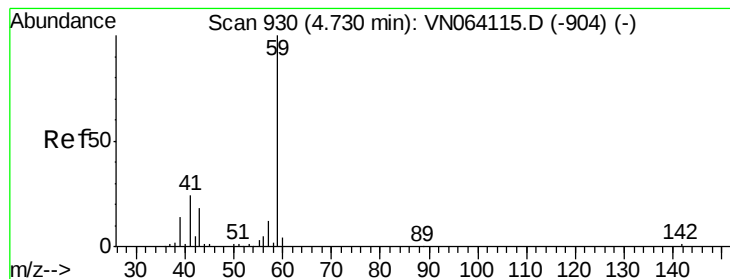
apatel
 10/19/2020 11:25:59 AM



#10
 Methyl Iodide
 Concen: 17.773 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.0	36.3	54.5
141	14.6	11.6	17.4





#11

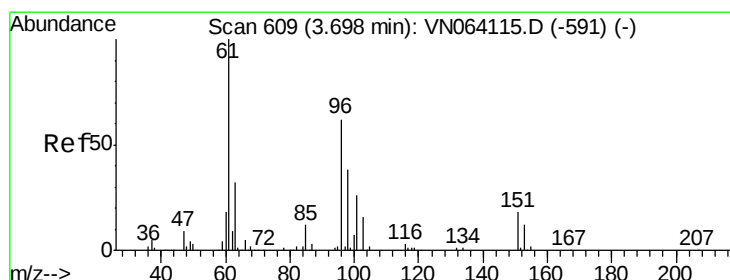
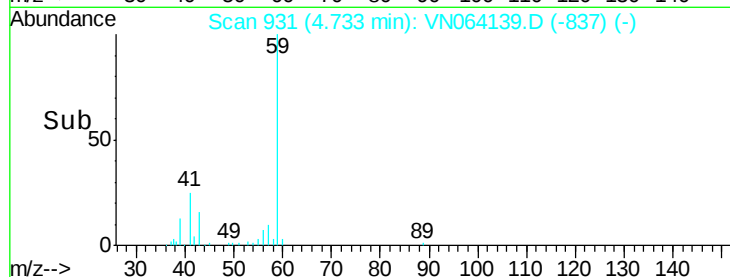
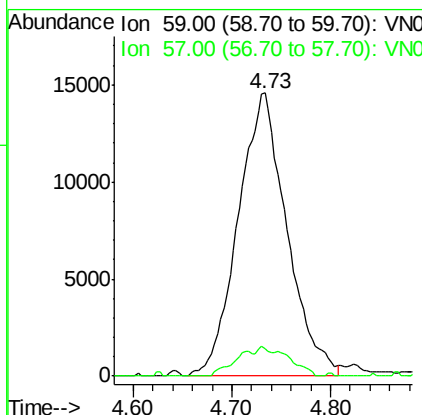
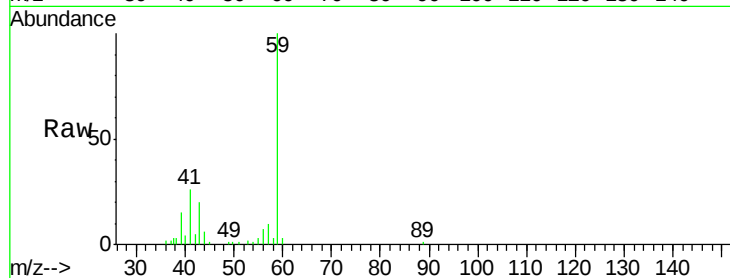
Tert butyl alcohol
 Concen: 95.820 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.8	8.9	13.3#

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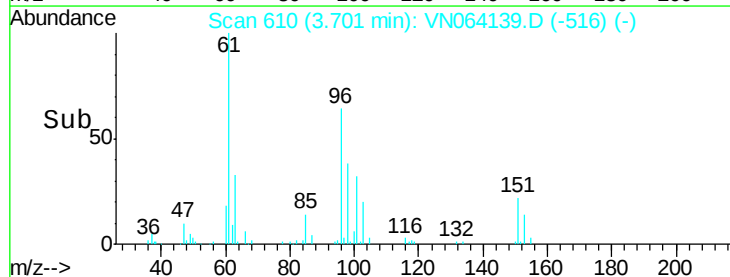
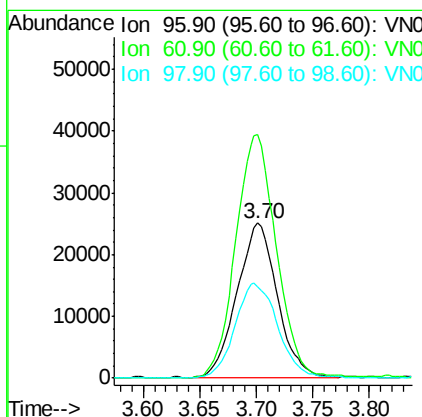
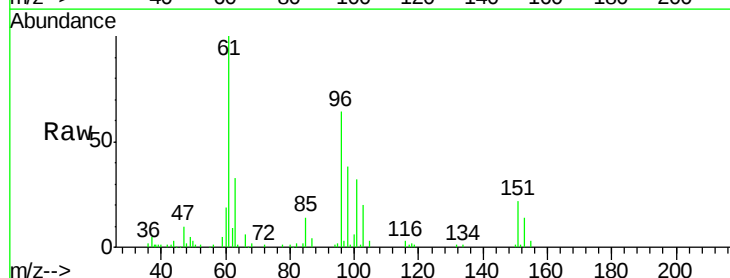
apatel
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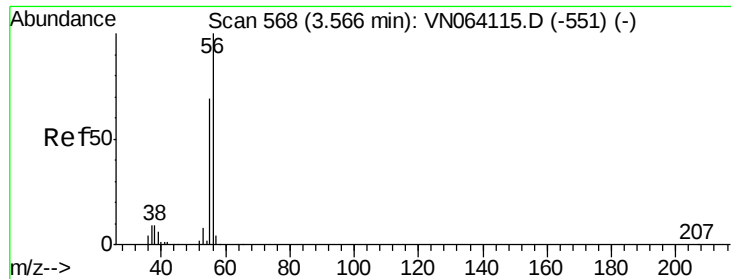


#12

1,1-Dichloroethene
 Concen: 18.987 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	129.9	194.9
98	59.0	48.9	73.3





#13

Acrolein

Concen: 119.601 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 56 Resp: 51248

Ion Ratio Lower Upper

56 100

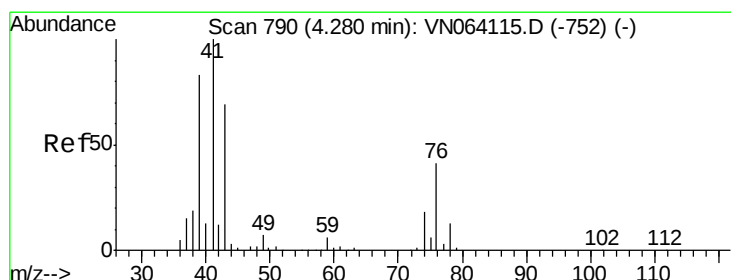
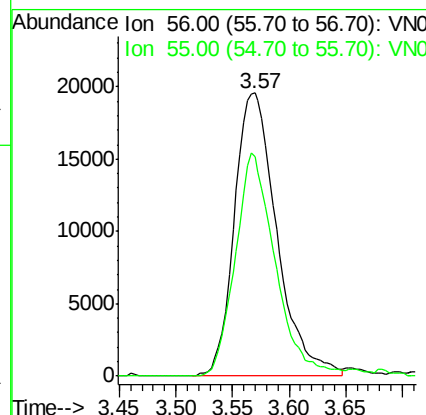
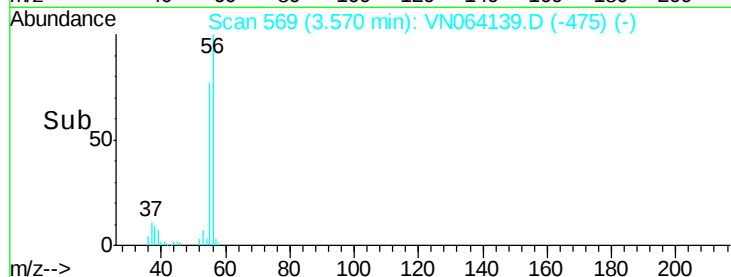
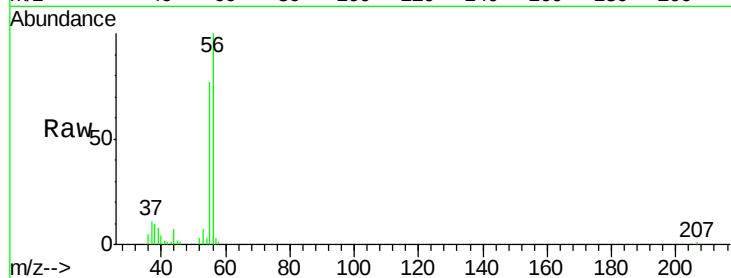
55 73.9 55.8 83.6

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#14

Allyl chloride

Concen: 18.229 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

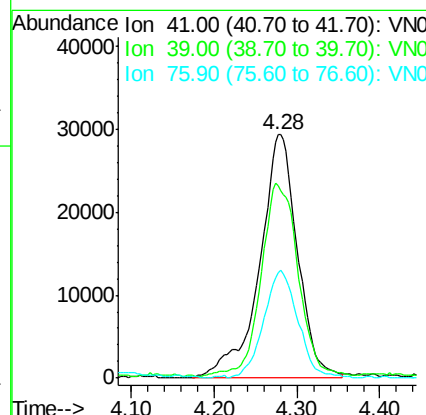
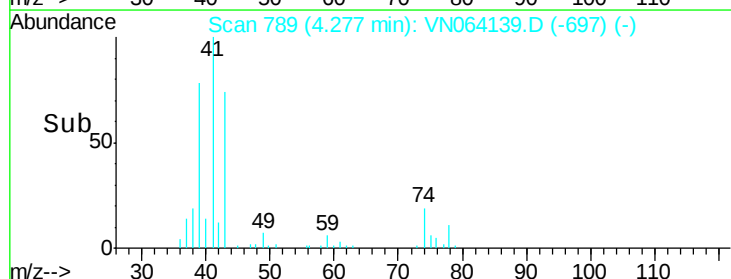
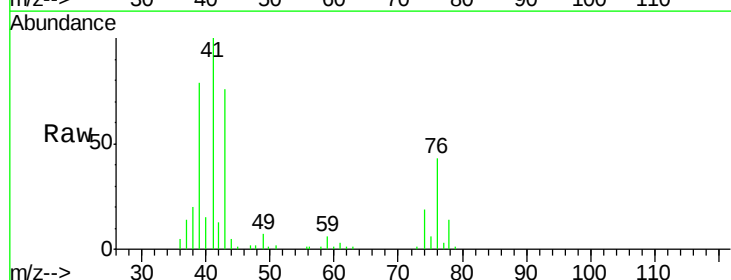
Tgt Ion: 41 Resp: 93714

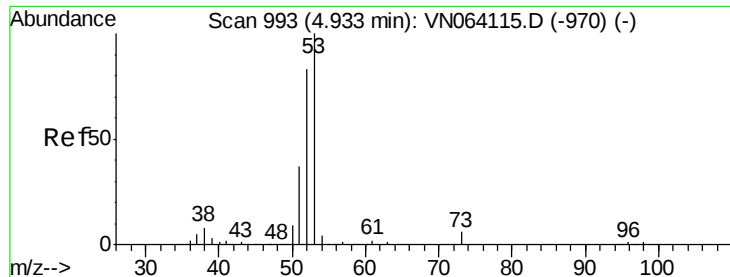
Ion Ratio Lower Upper

41 100

39 77.1 60.5 90.7

76 39.8 29.5 44.3





#15

Acrylonitrile

Concen: 95.938 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

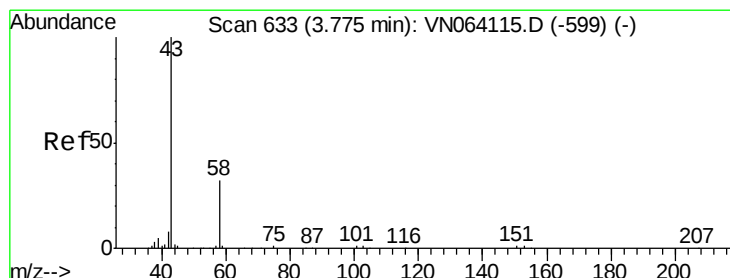
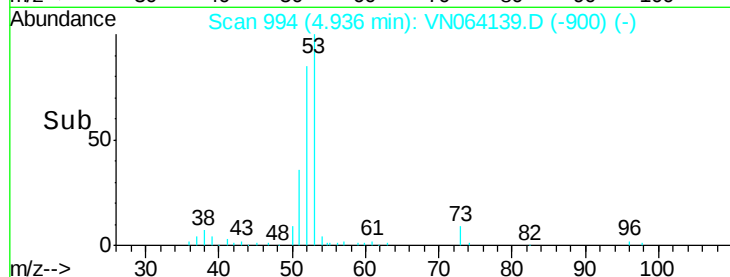
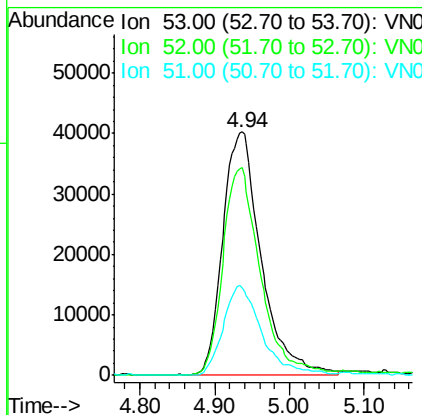
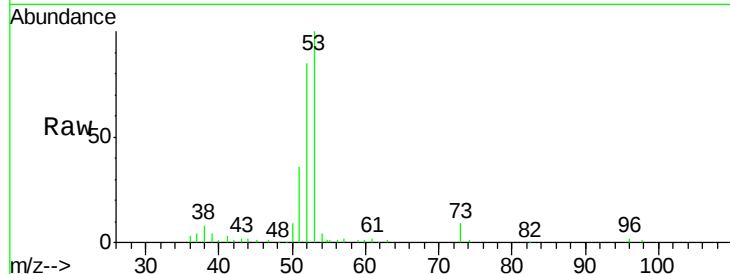
ClientSampleId :

VN1015WBS01

Tot Ion:	53	Resp:	143702
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	34.6	29.4	44.2

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#16

Acetone

Concen: 100.777 ug/l

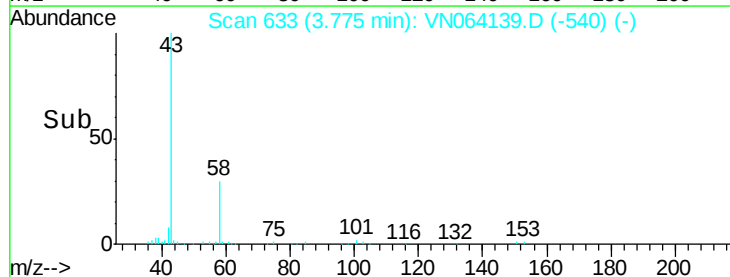
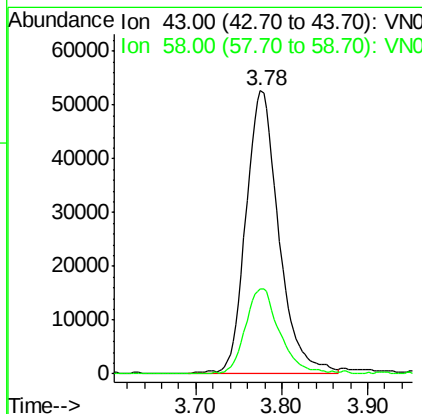
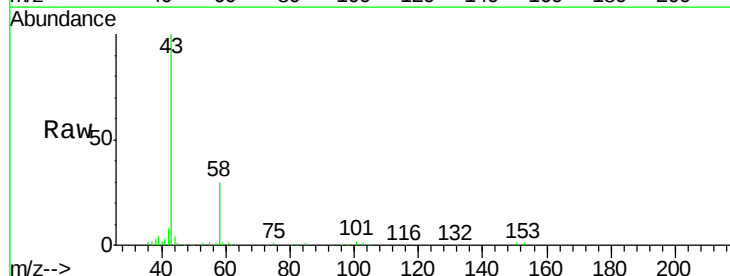
RT: 3.78 min Scan# 633

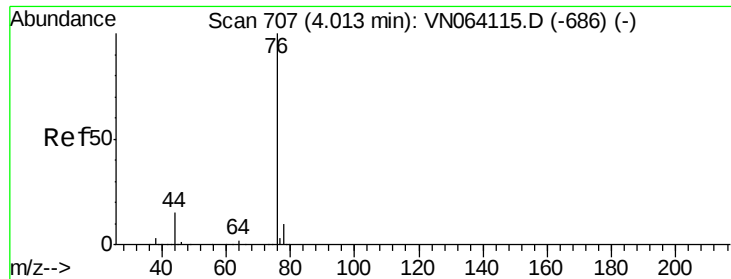
Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion:	43	Resp:	140838
Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.2	37.8





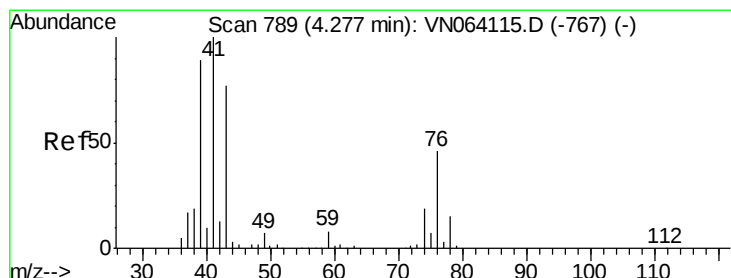
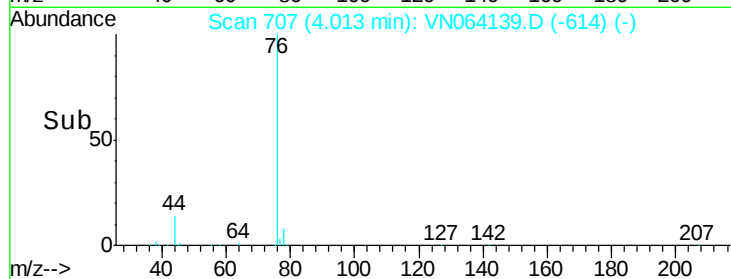
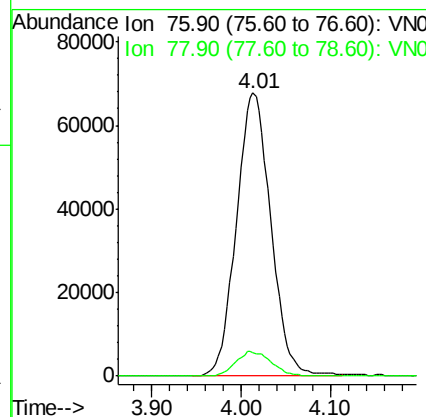
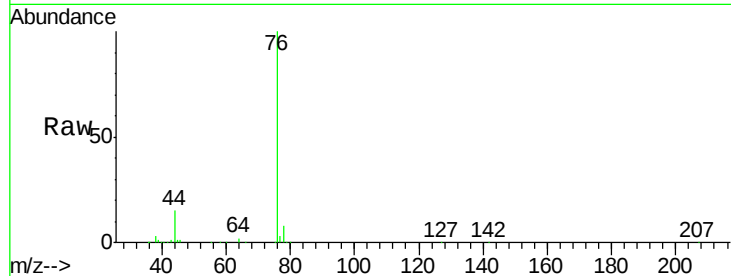
#17
Carbon Disulfide
Concen: 19.240 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.6	11.4

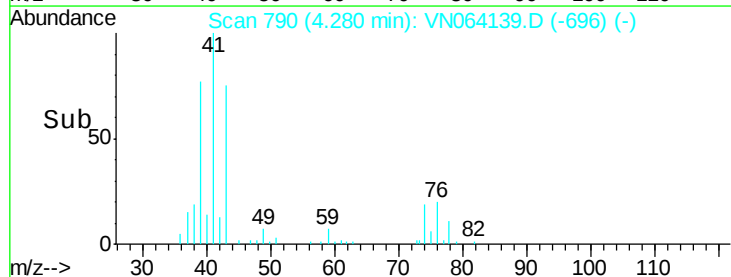
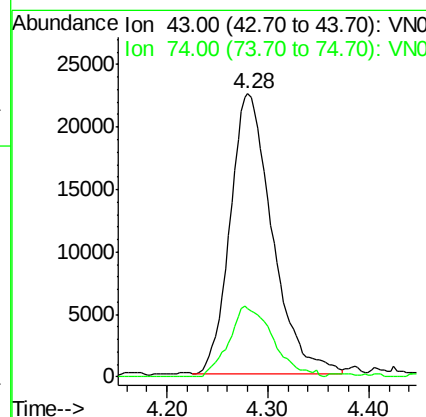
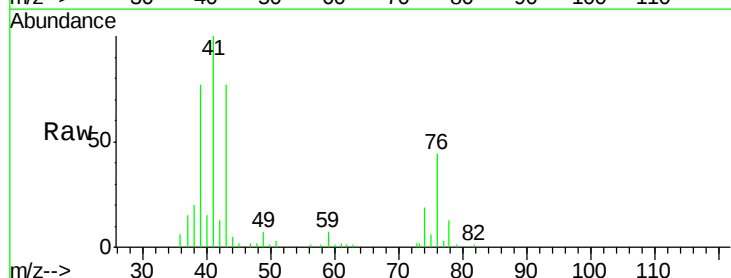
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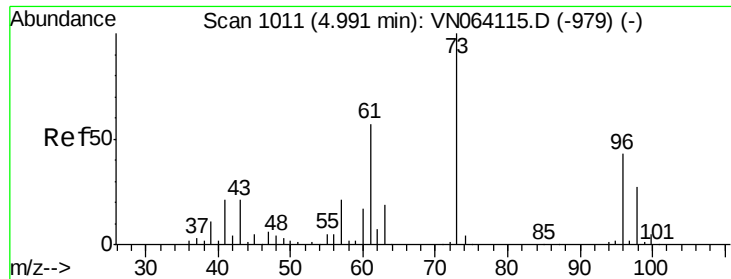
apatel
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#18
Methyl Acetate
Concen: 18.556 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	19.7	29.5





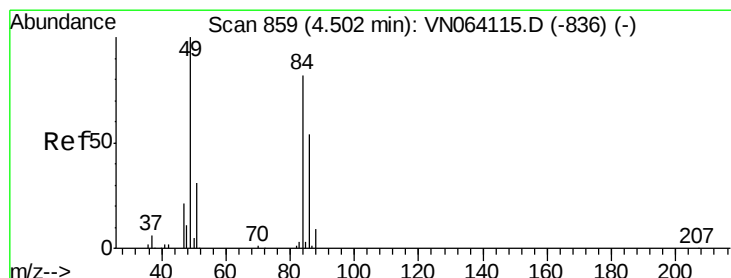
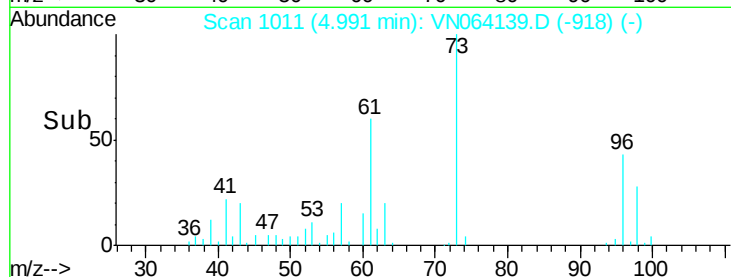
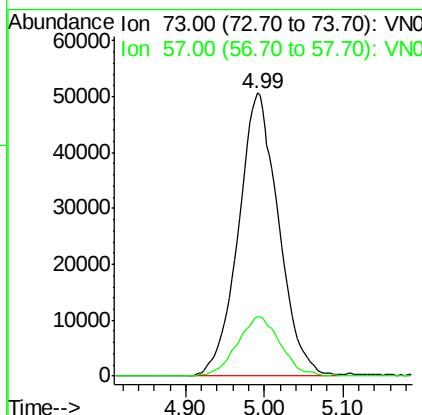
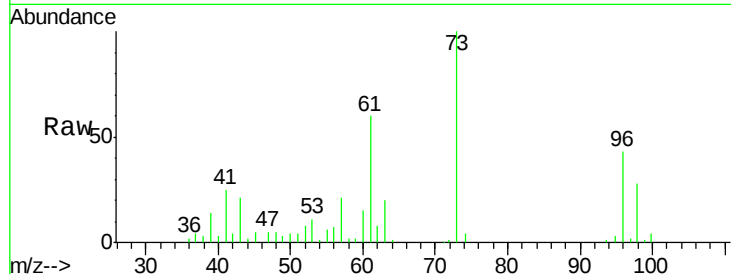
#19
Methyl tert-butyl Ether
Concen: 18.688 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion: 73 Resp: 181625
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4

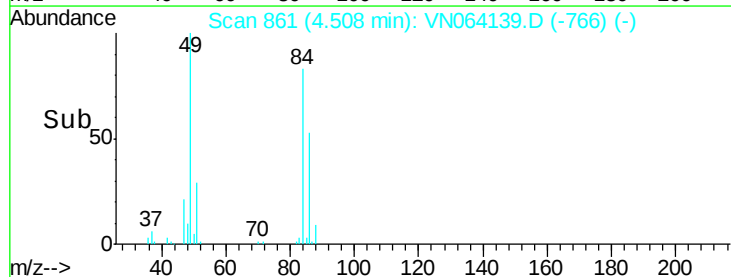
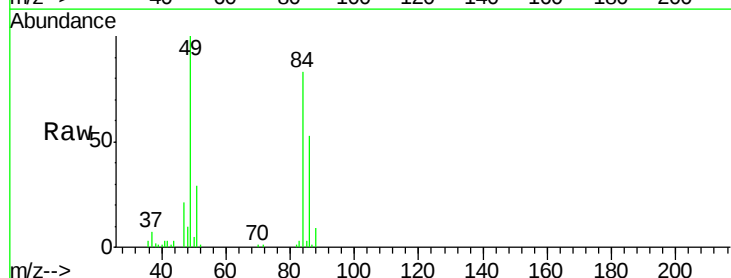
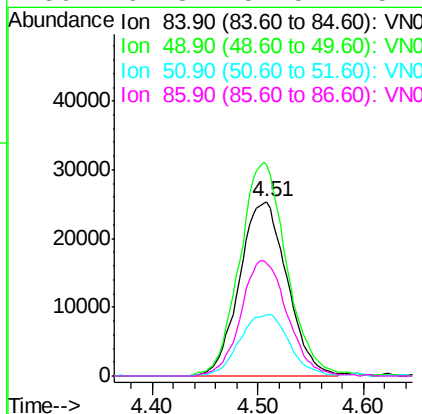
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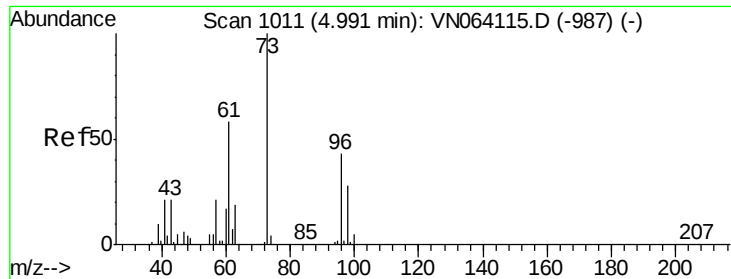
apatel
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#20
Methylene Chloride
Concen: 18.437 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 84 Resp: 79727
Ion Ratio Lower Upper
84 100
49 121.1 97.4 146.0
51 35.1 29.7 44.5
86 64.3 52.5 78.7





#21

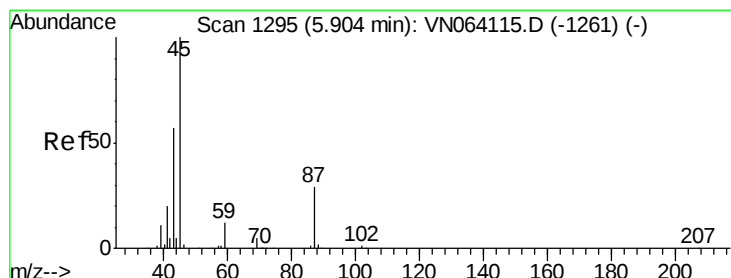
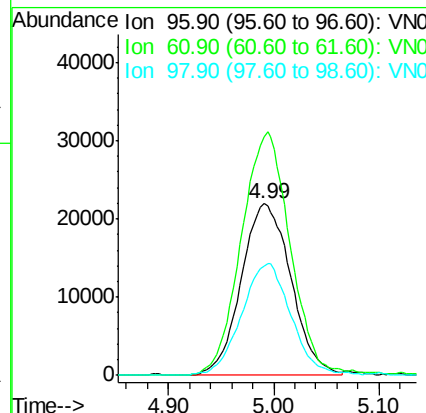
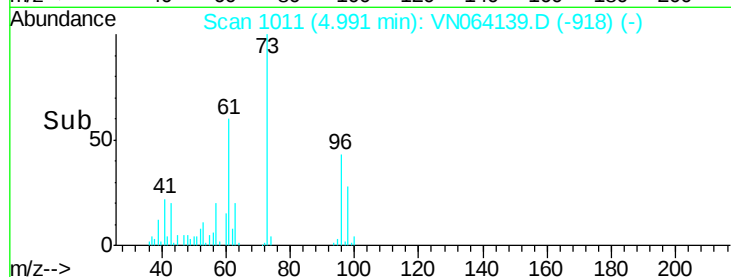
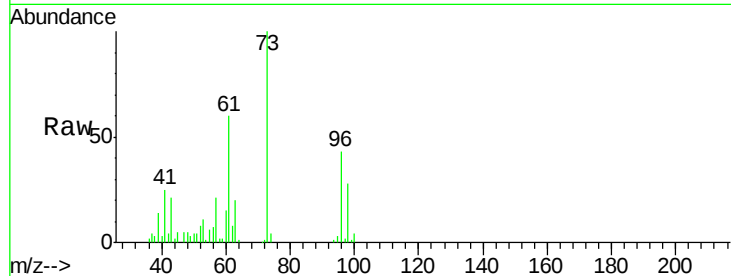
trans-1,2-Dichloroethene
Concen: 19.294 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	107.0	160.4
98	62.7	51.0	76.6

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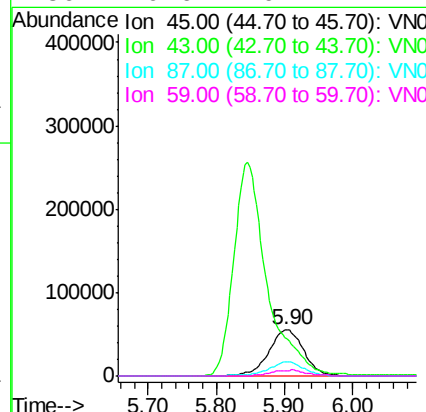
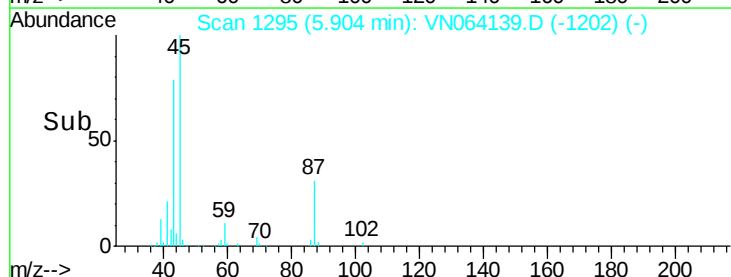
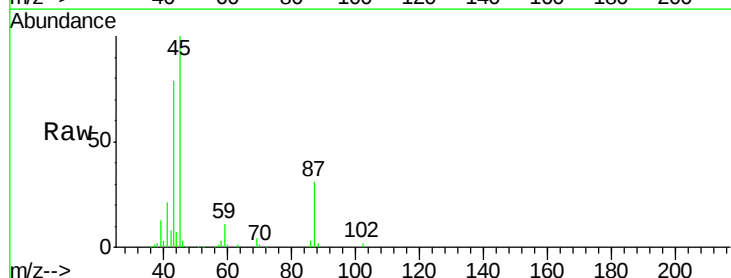
apatel
10/19/2020 11:25:59 AM

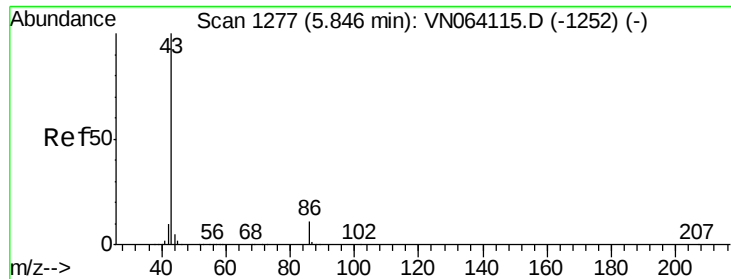


#22

Diisopropyl ether
Concen: 19.826 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.8	50.9	76.3#
87	31.0	23.5	35.3
59	10.6	9.4	14.2





#23

Vinyl Acetate

Concen: 97.691 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 43 Resp: 871500

Ion Ratio Lower Upper

43 100

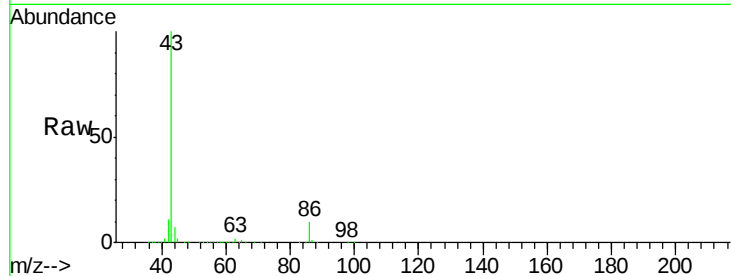
86 10.0 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

250000

200000

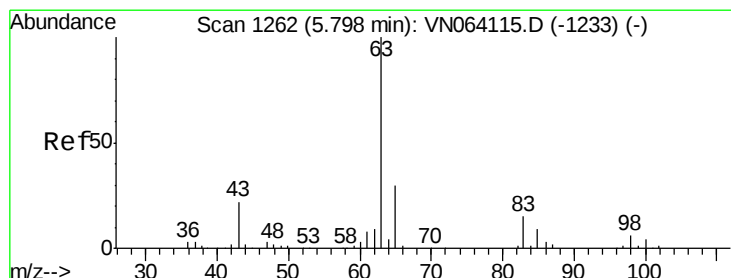
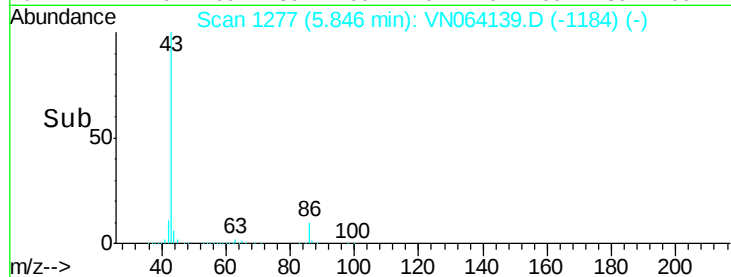
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.541 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

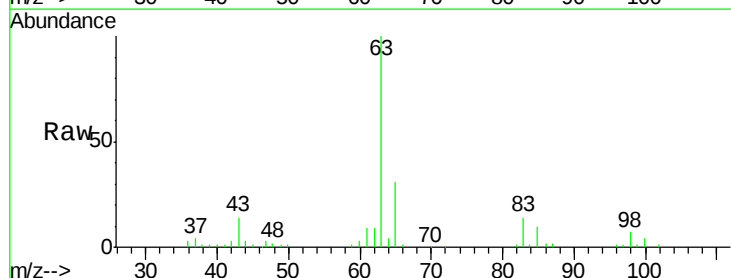
Tgt Ion: 63 Resp: 136285

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.3

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

50000

40000

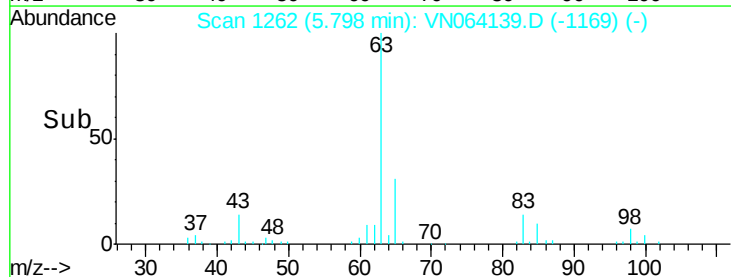
30000

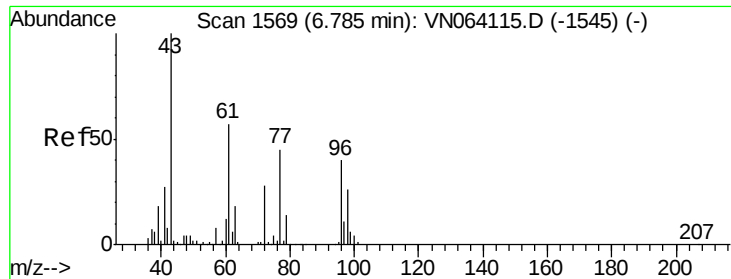
20000

10000

0

Time-->





#25

2-Butanone

Concen: 96.234 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 43 Resp: 206858

Ion Ratio Lower Upper

43 100

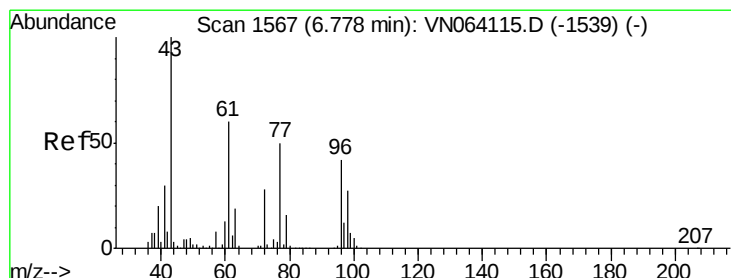
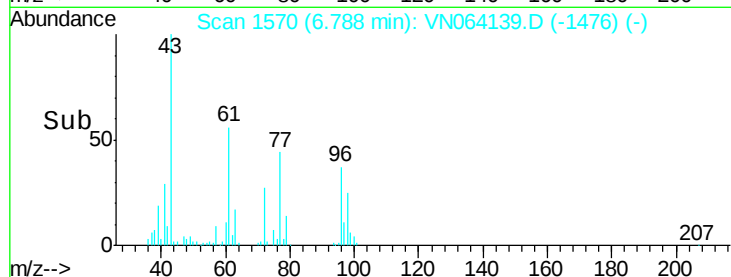
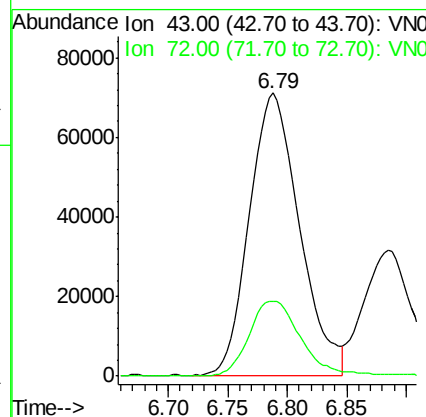
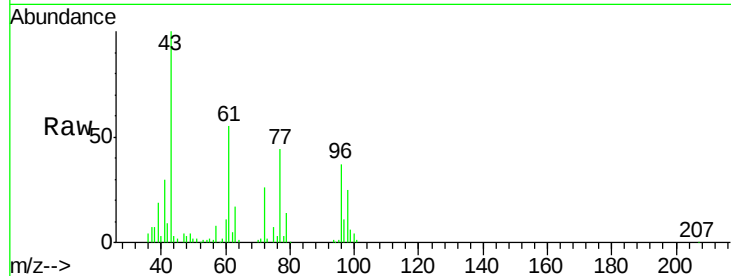
72 26.5 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 19.751 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064139.D

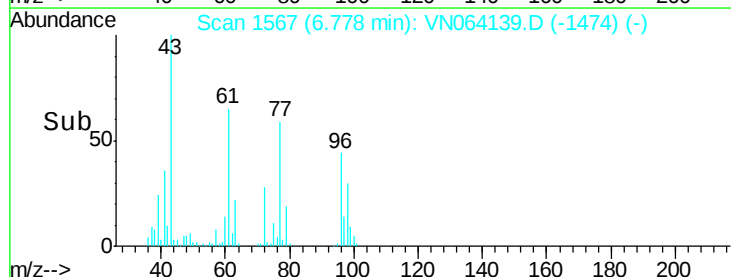
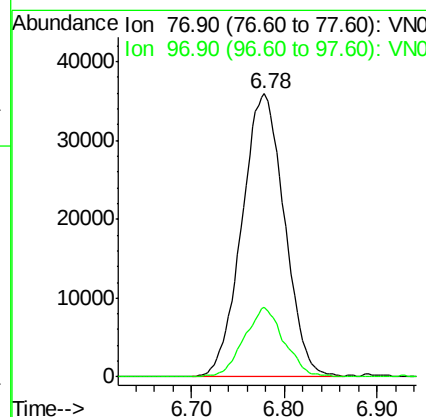
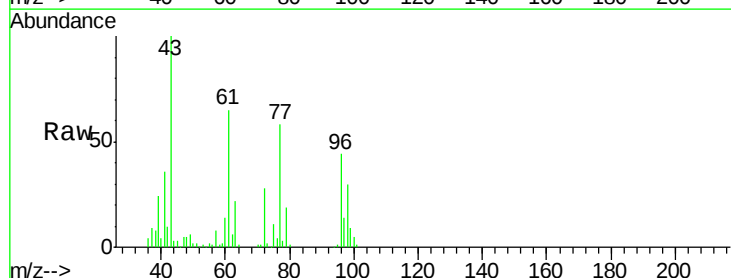
Acq: 15 Oct 2020 13:26

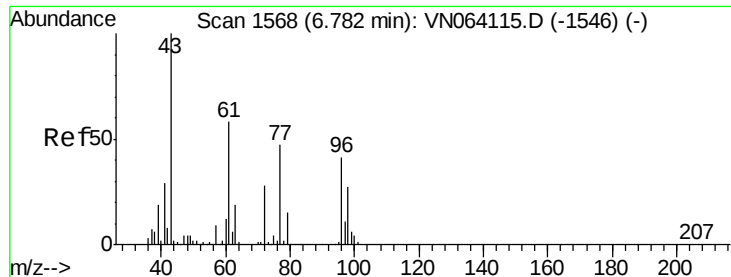
Tgt Ion: 77 Resp: 114603

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.164 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

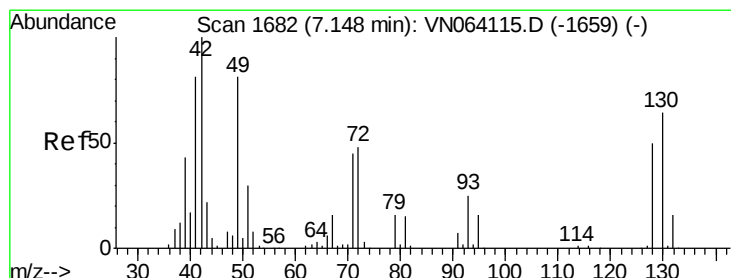
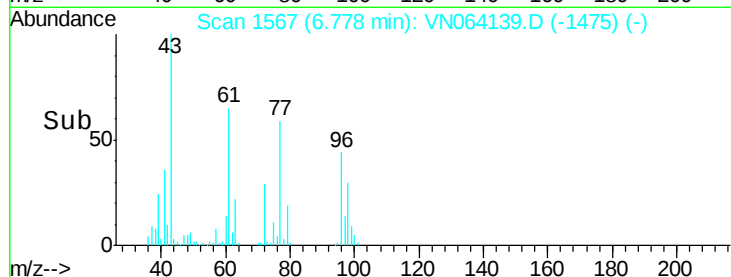
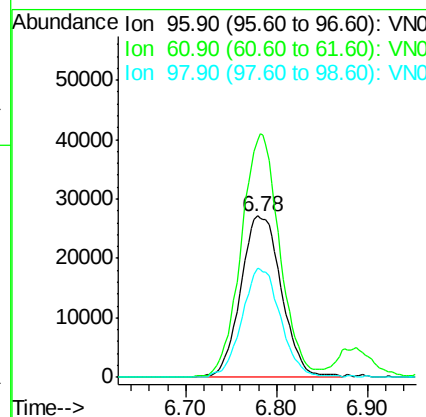
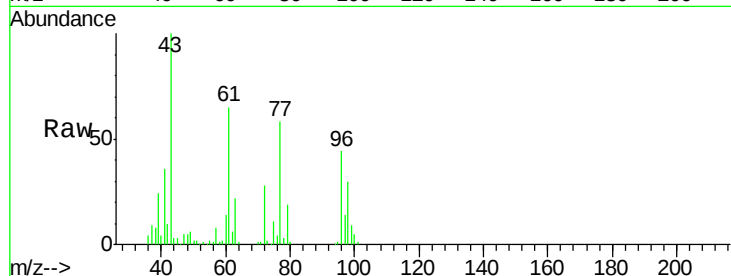
ClientSampleId :

VN1015WBS01

Tot Ion:	96	Resp:	84215
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	285.6
98	64.1	0.0	131.0

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#28

Bromochloromethane

Concen: 17.554 ug/l

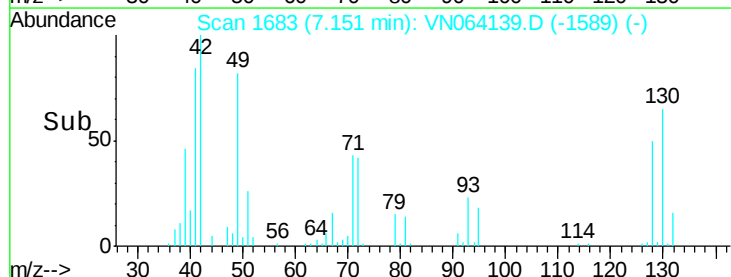
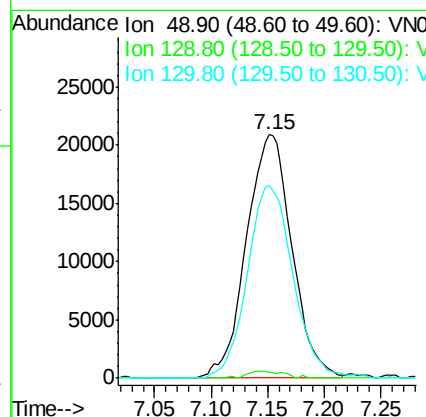
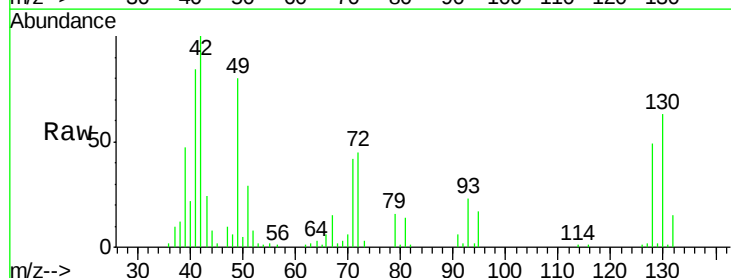
RT: 7.15 min Scan# 1683

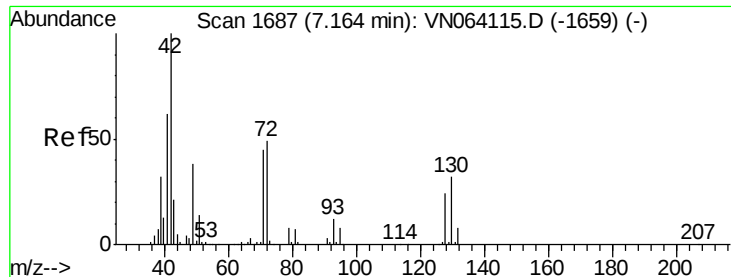
Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion:	49	Resp:	58312
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.0
130	79.4	0.0	0.0#





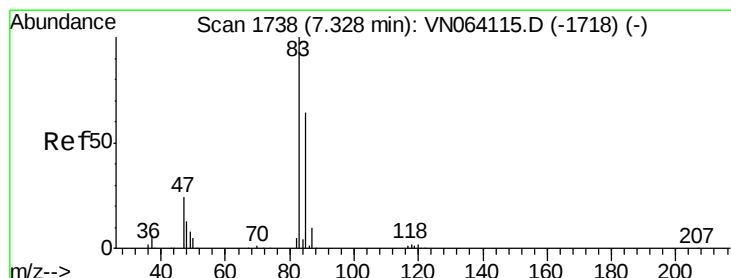
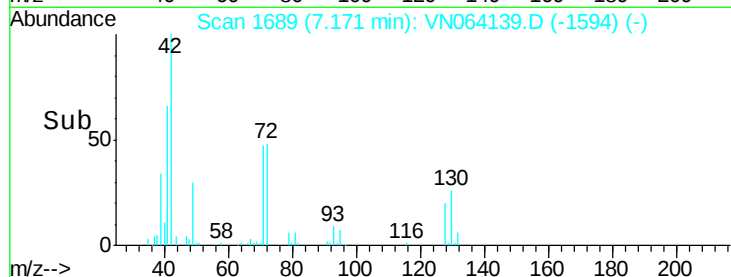
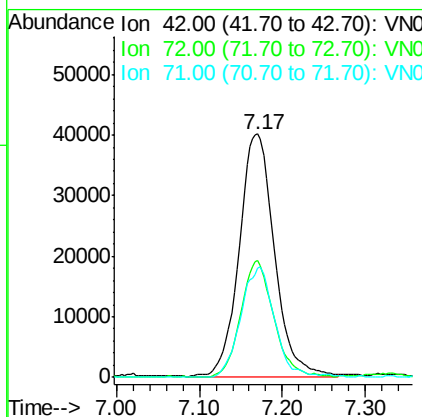
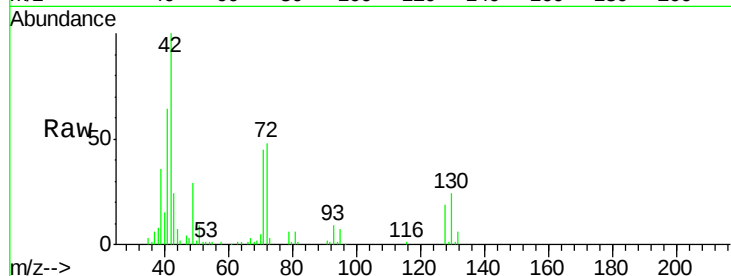
#29
Tetrahydrofuran
Concen: 94.077 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.8	56.6
71	43.3	35.3	52.9

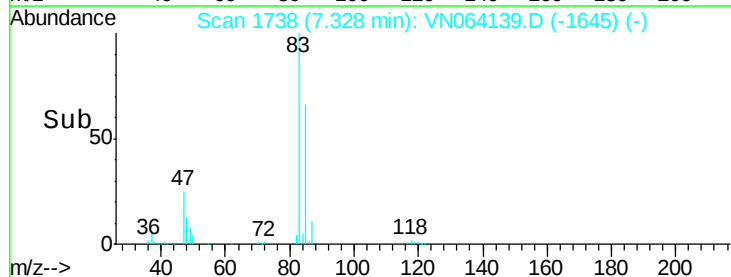
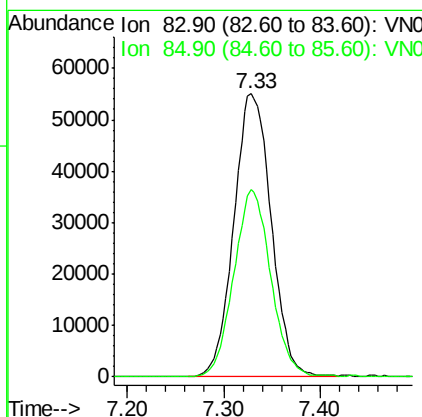
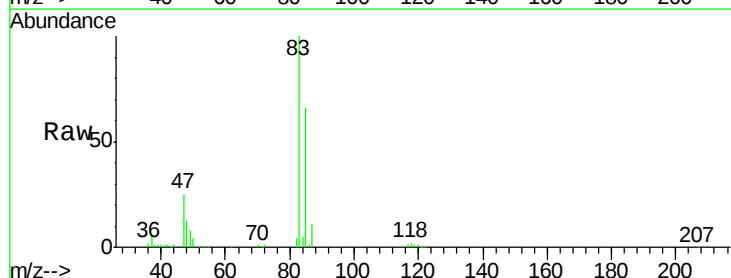
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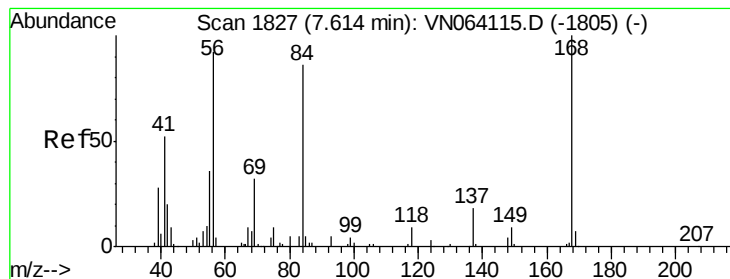
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#30
Chloroform
Concen: 19.895 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.5	77.3





#31

Cyclohexane

Concen: 18.199 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

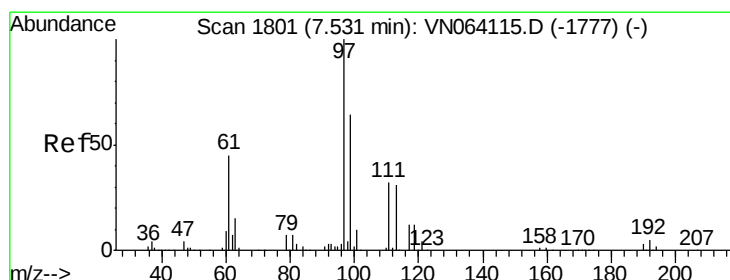
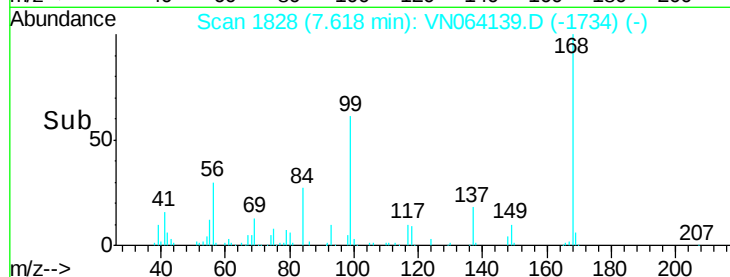
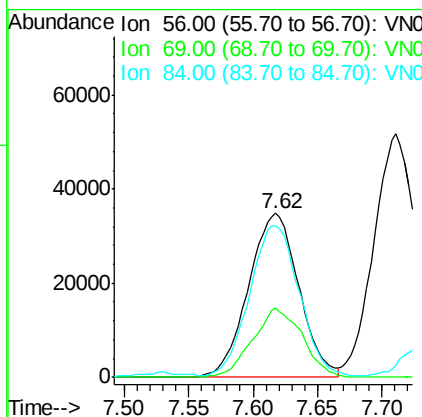
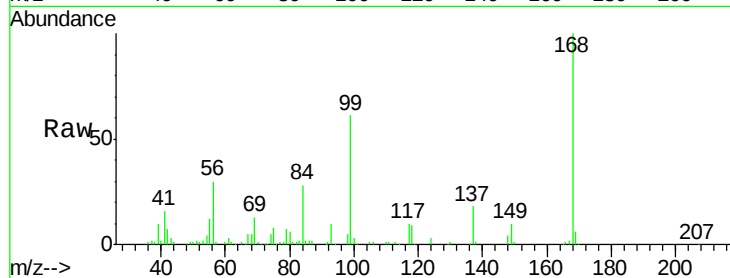
ClientSampleId :

VN1015WBS01

Tot Ion:	56	Resp:	94791
Ion Ratio	Lower	Upper	
56	100		
69	42.3	27.8	41.6#
84	90.3	73.2	109.8

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#32

1,1,1-Trichloroethane

Concen: 19.433 ug/l

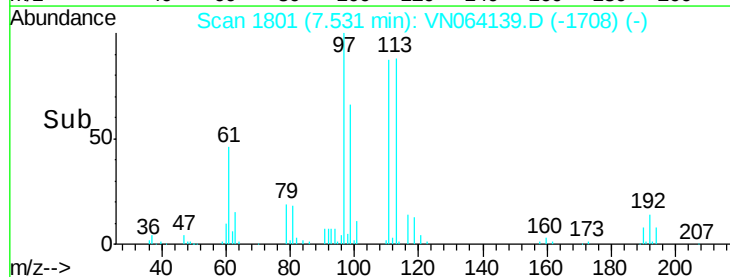
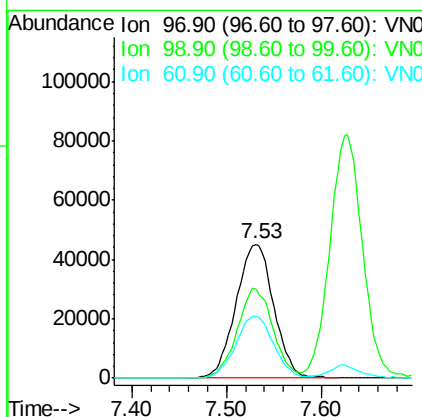
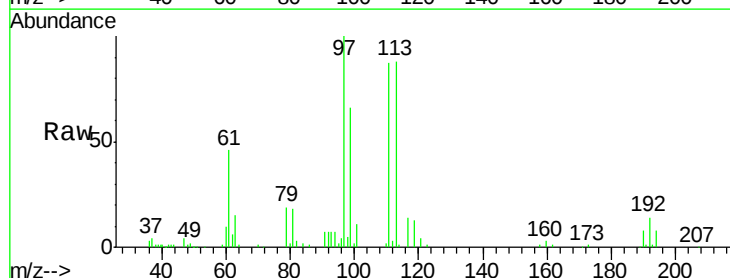
RT: 7.53 min Scan# 1801

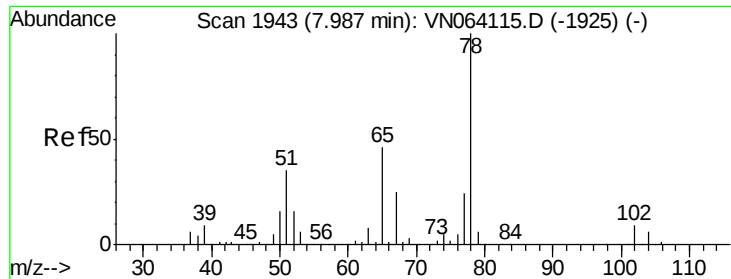
Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion:	97	Resp:	124766
Ion Ratio	Lower	Upper	
97	100		
99	63.8	50.2	75.2
61	46.4	35.6	53.4





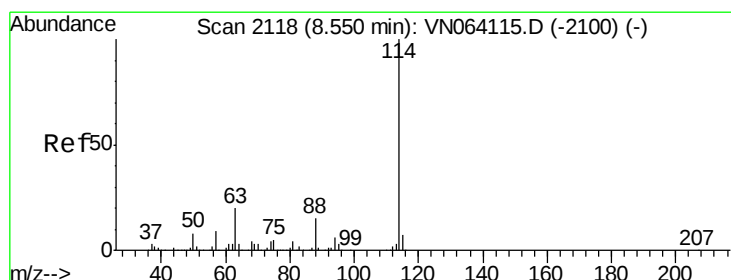
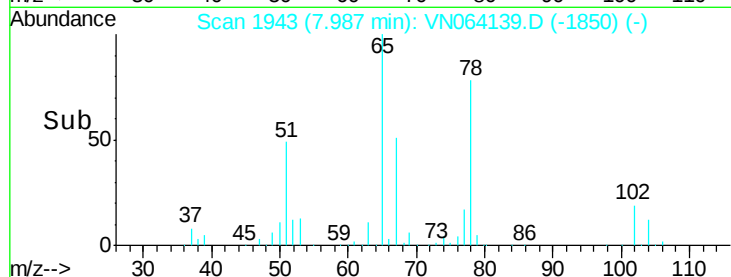
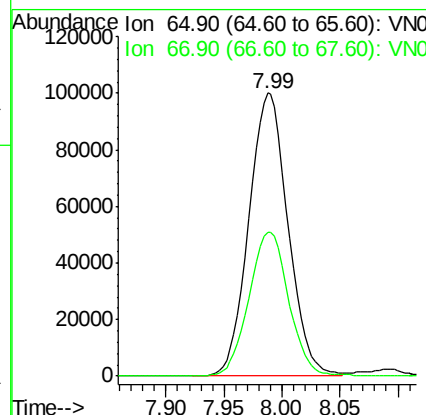
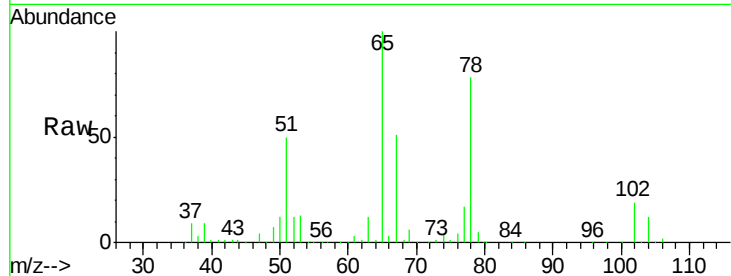
#33
 1,2-Dichloroethane-d4
 Concen: 49.963 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	235402		
67	51.5	0.0	105.6	

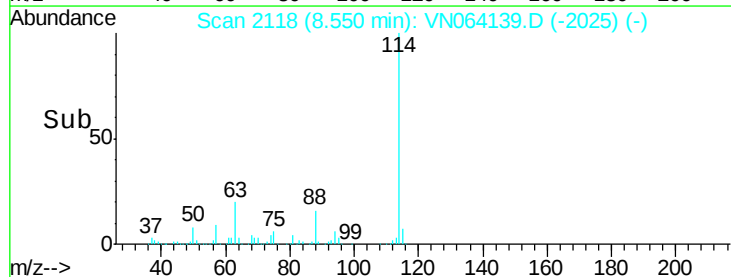
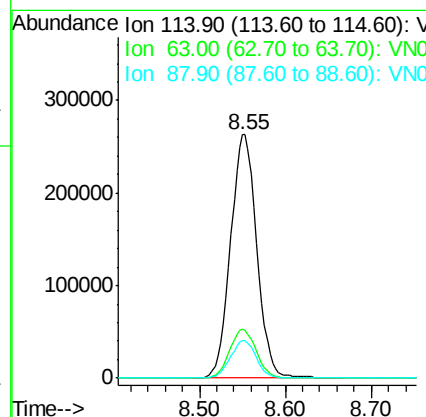
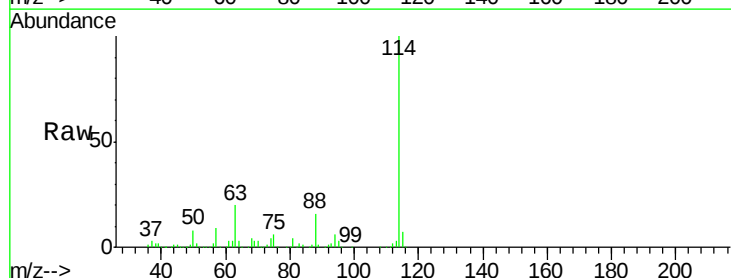
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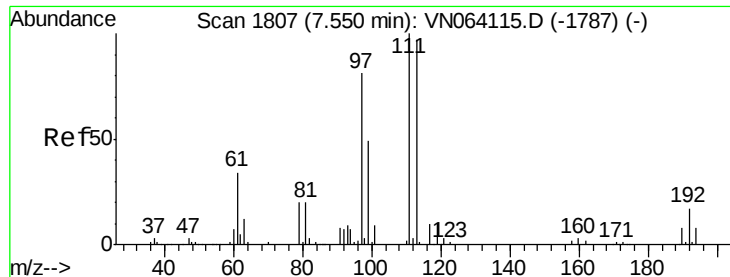
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	556013		
63	20.1	0.0	41.0	
88	15.5	0.0	29.2	





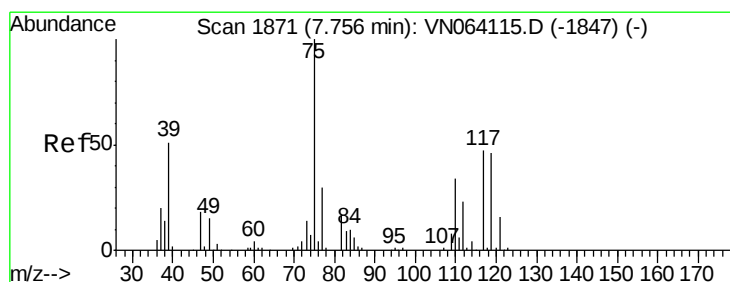
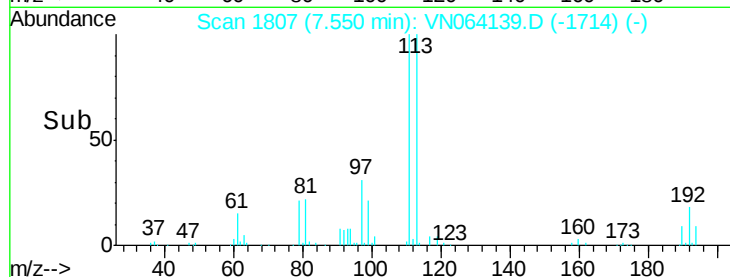
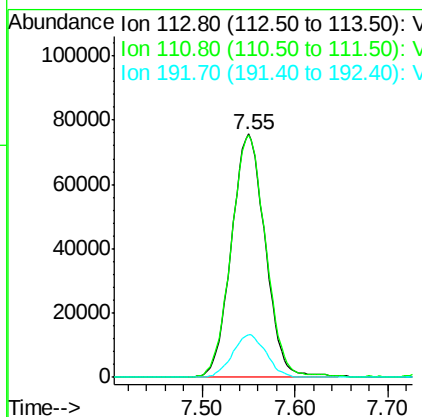
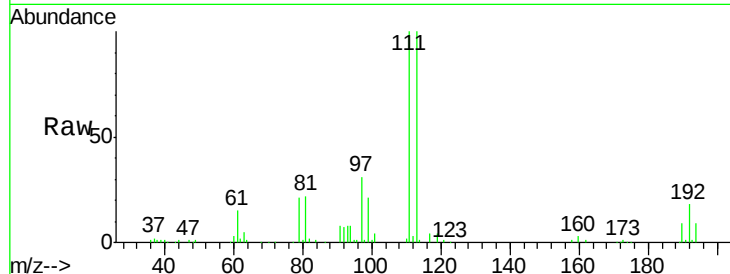
#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	191613		
111	100.6	81.9	122.9	
192	17.4	14.3	21.5	

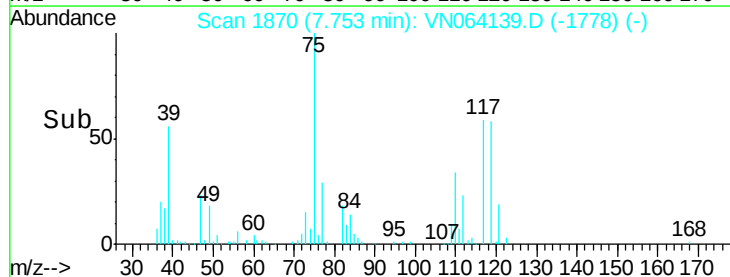
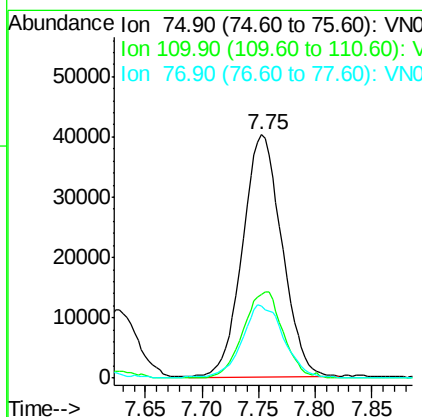
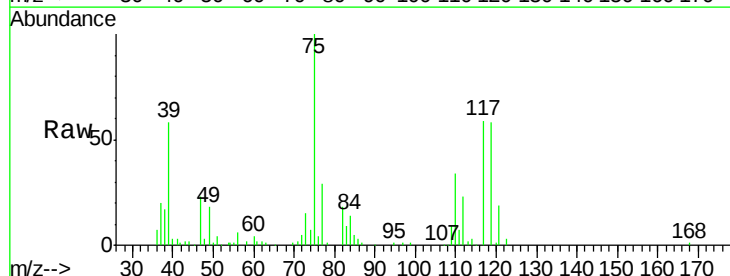
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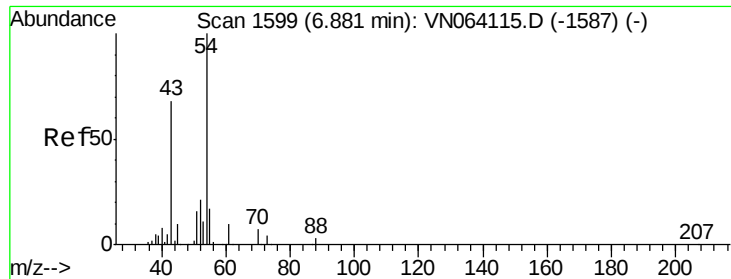
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#36
1,1-Dichloropropene
Concen: 18.131 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	97166		
110	36.1	17.8	53.3	
77	32.0	24.9	37.3	





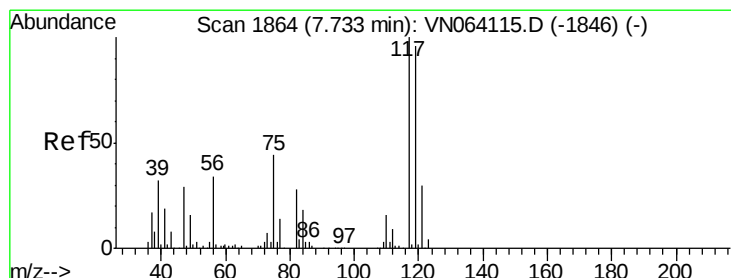
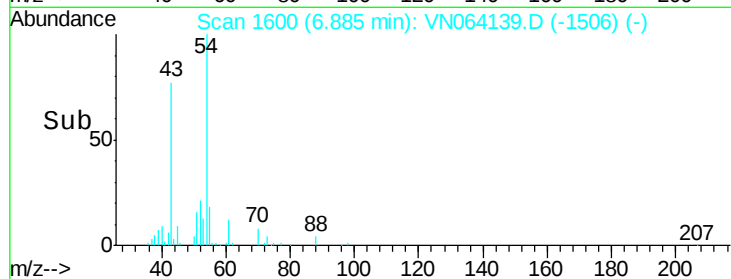
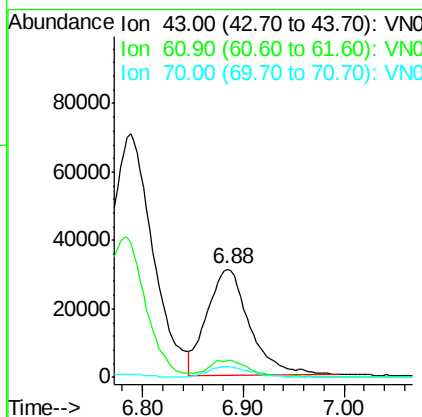
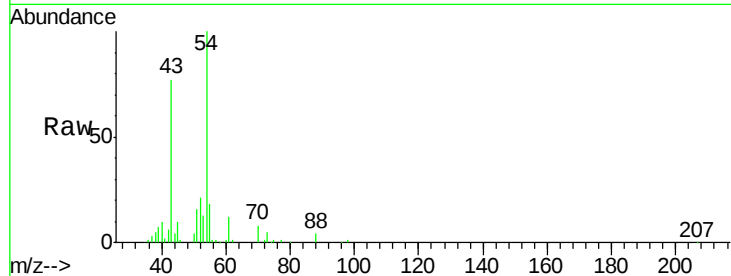
#37
Ethyl Acetate
Concen: 19.196 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	4.1	11.3	16.9#
70	10.1	7.7	11.5

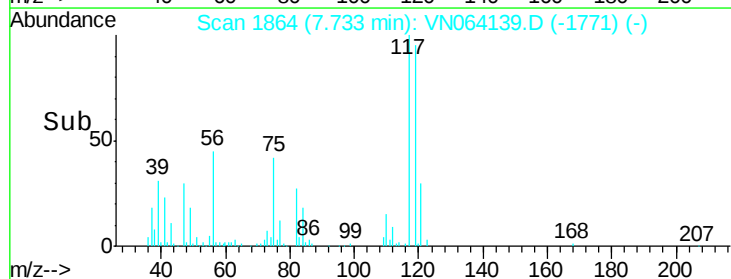
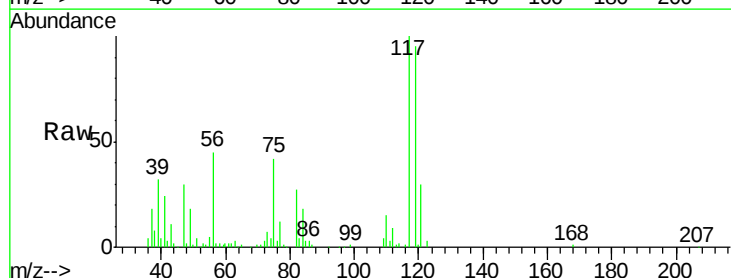
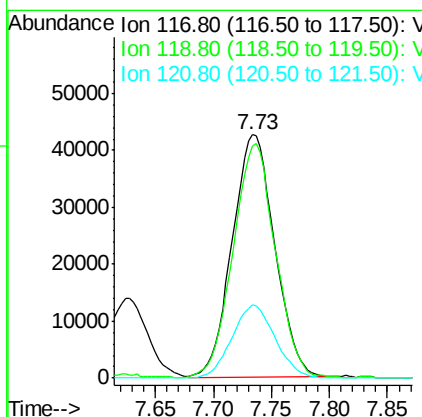
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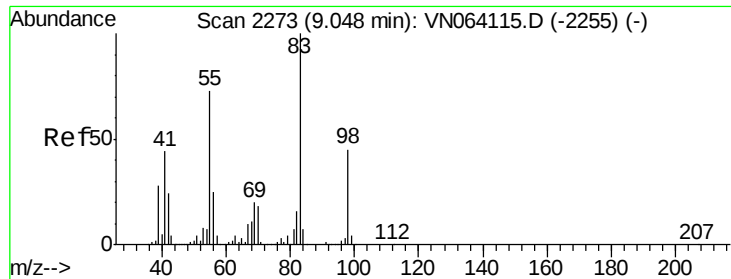
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#38
Carbon Tetrachloride
Concen: 18.815 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
121	30.1	24.2	36.4





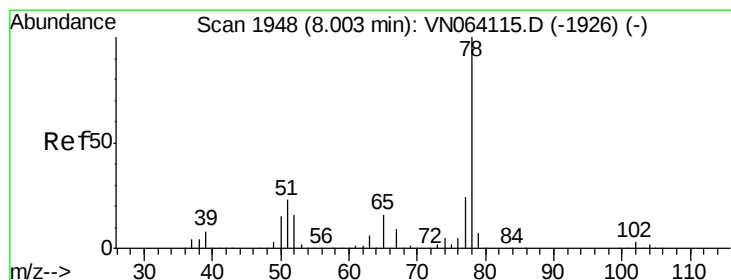
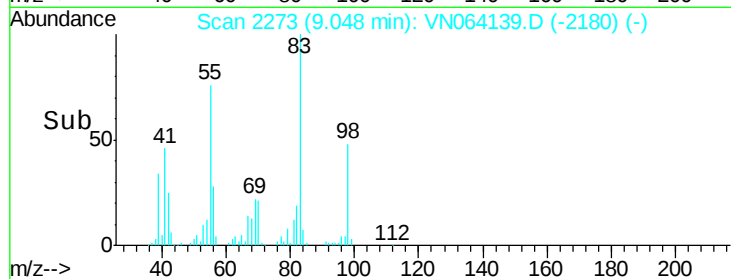
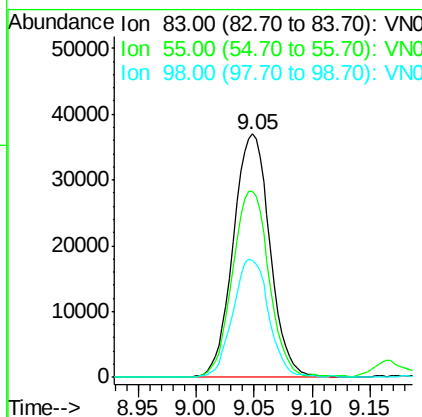
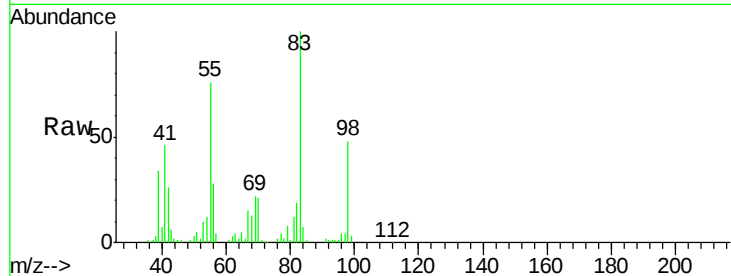
#39
Methvlcvclohexane
Concen: 18.008 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	58.5	87.7
98	48.2	36.2	54.2

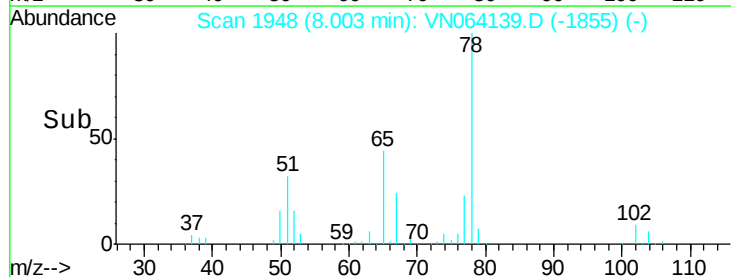
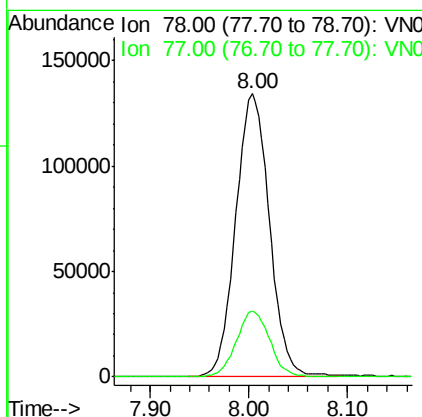
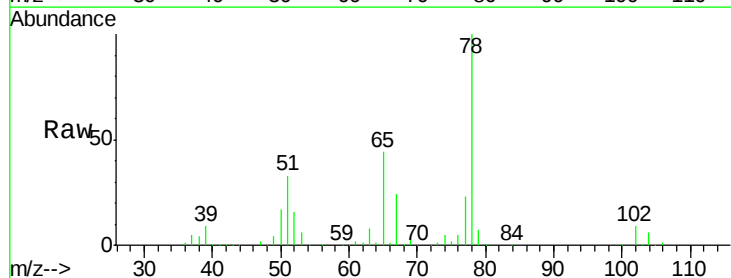
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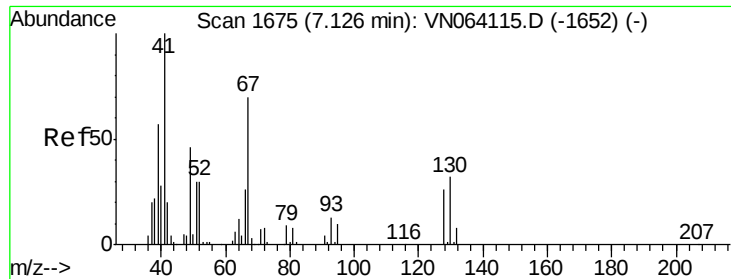
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#40
Benzene
Concen: 19.667 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





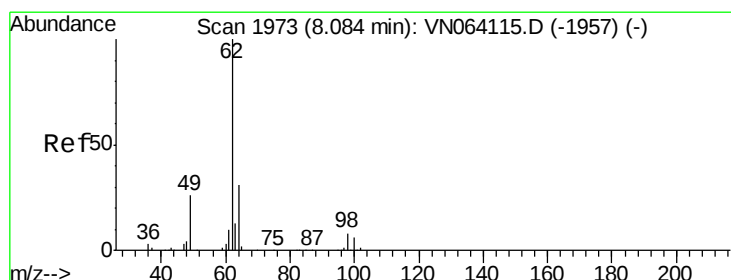
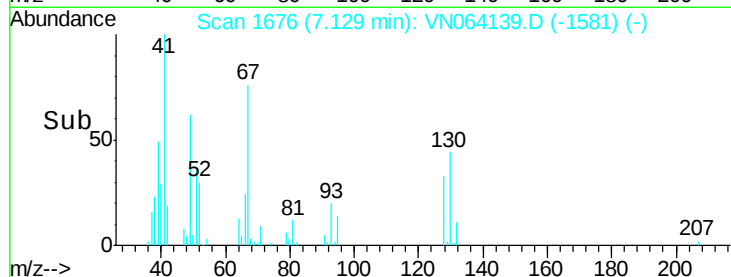
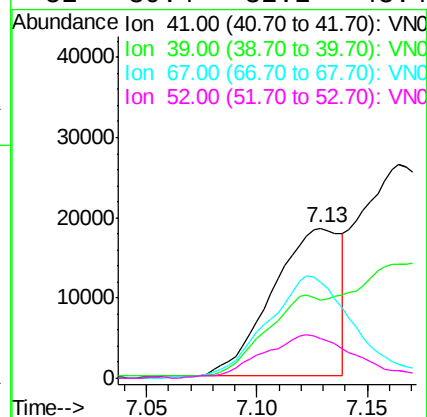
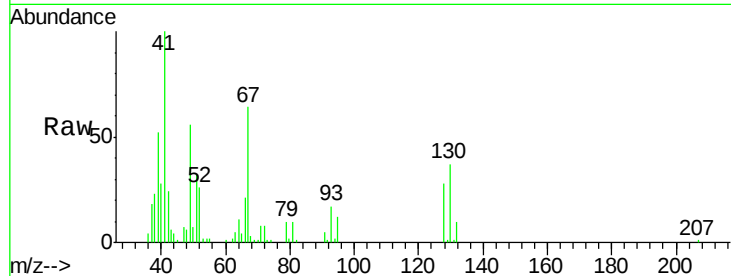
#41
Methacrylonitrile
Concen: 19.228 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	43.5	50.7	76.1#	
67	88.1	73.8	110.6	
52	39.4	32.2	48.4	

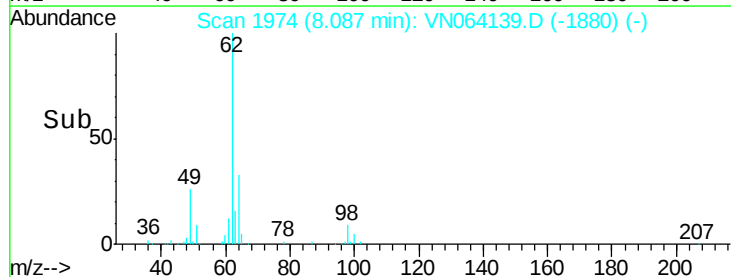
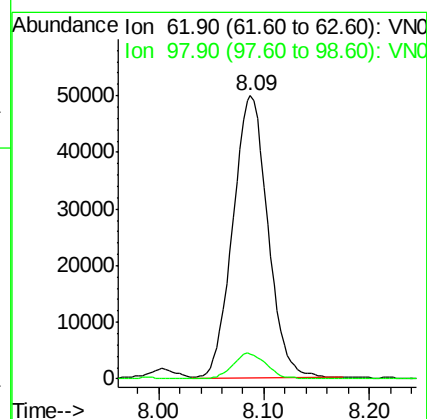
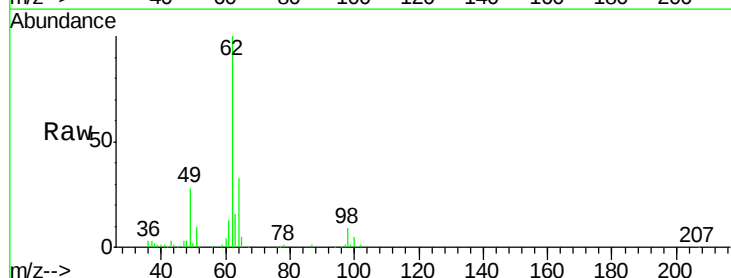
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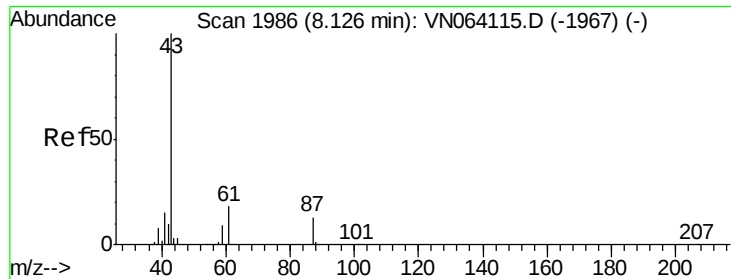
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#42
1,2-Dichloroethane
Concen: 19.888 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

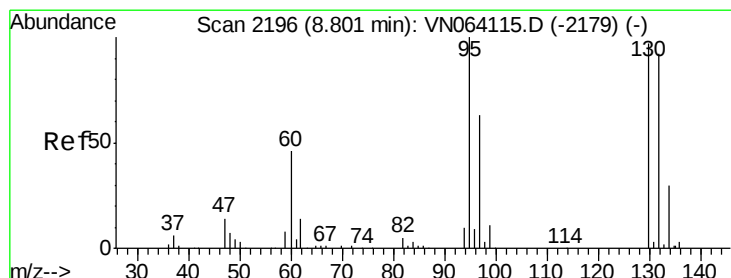
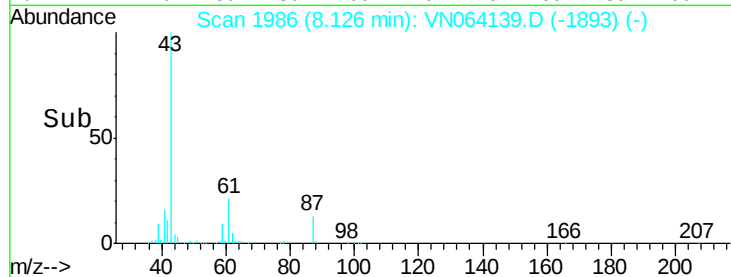
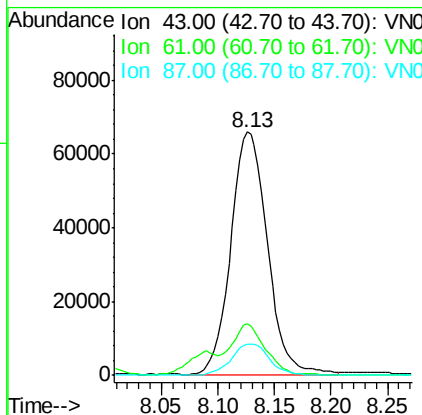
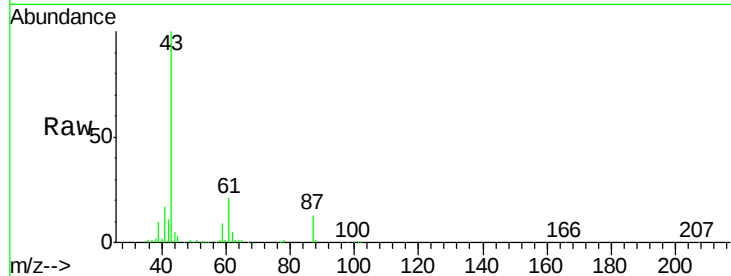
Isopropyl Acetate
 Concen: 18.739 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	21.9	32.9#
87	13.5	11.0	16.4

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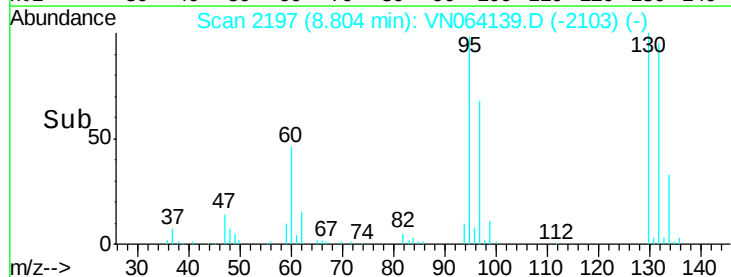
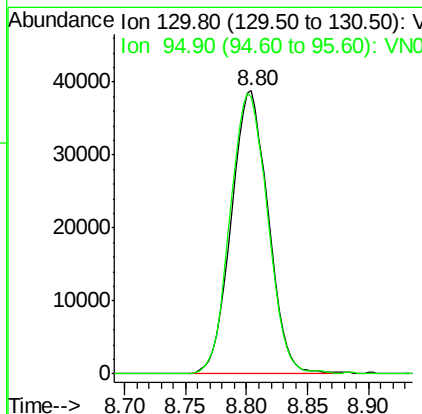
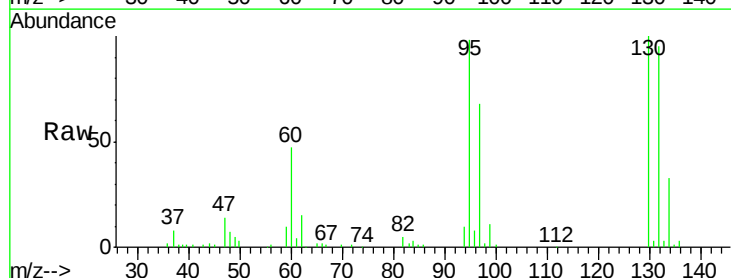
apatel
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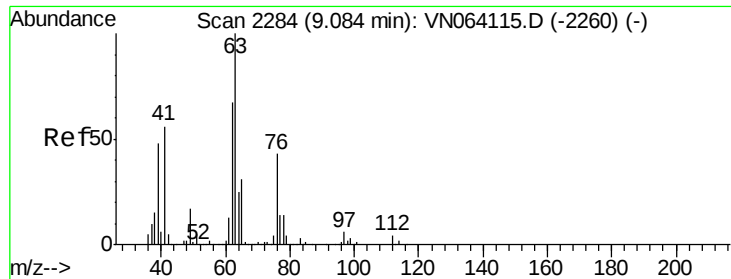


#44

Trichloroethene
 Concen: 19.111 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	206.2





#45

1,2-Dichloropropane

Concen: 19.323 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 63 Resp: 82163

Ion Ratio Lower Upper

63 100

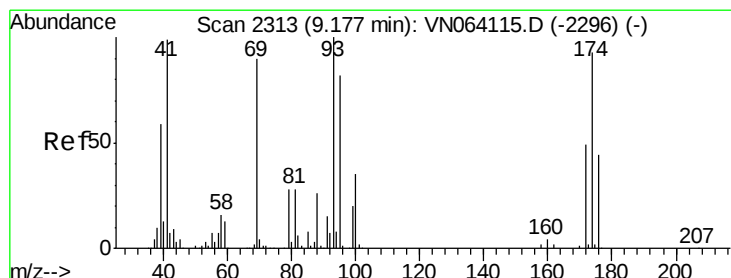
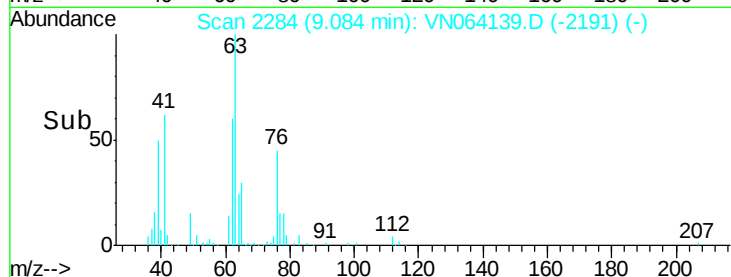
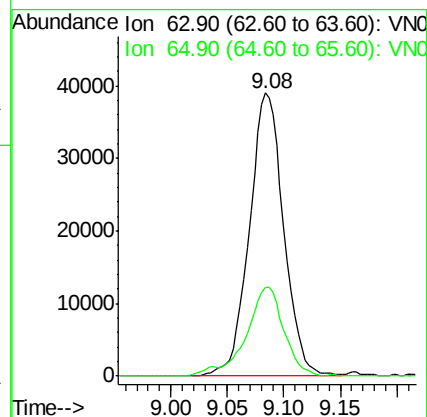
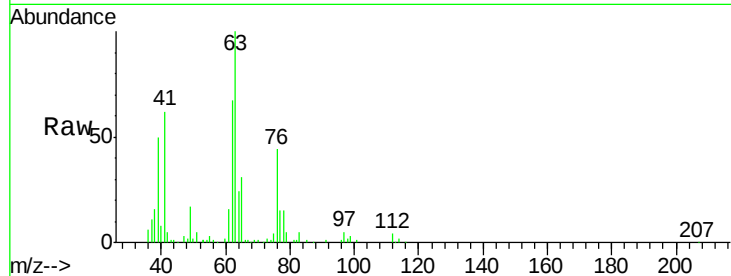
65 31.3 25.0 37.6

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#46

Dibromomethane

Concen: 19.401 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

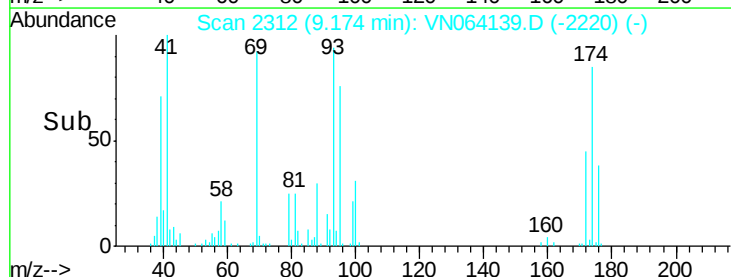
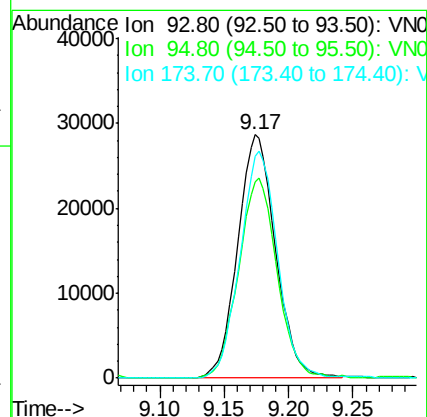
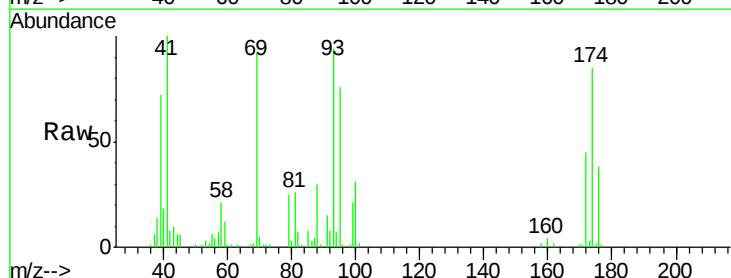
Tgt Ion: 93 Resp: 58526

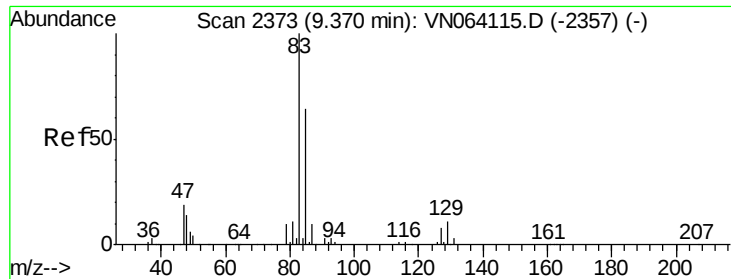
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 92.1 75.2 112.8





#47

Bromodichloromethane

Concen: 19.846 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

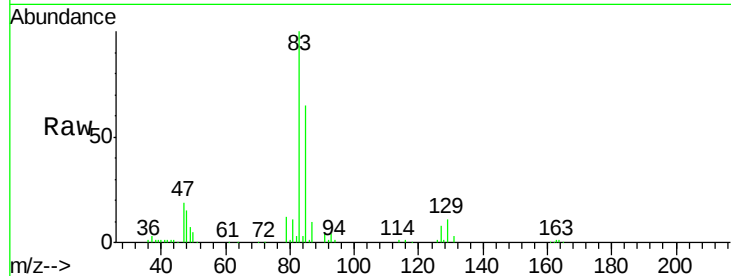
ClientSampleId :

VN1015WBS01

Tot Ion:	83	Resp:	117132
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.8	76.2
127	8.2	6.6	9.8

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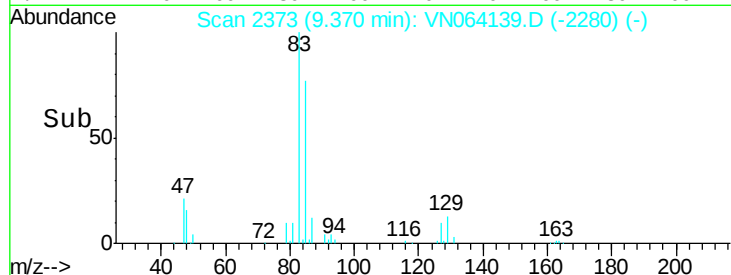


Abundance Ion 82.90 (82.60 to 83.60): VN064139.D (-2280) (-)

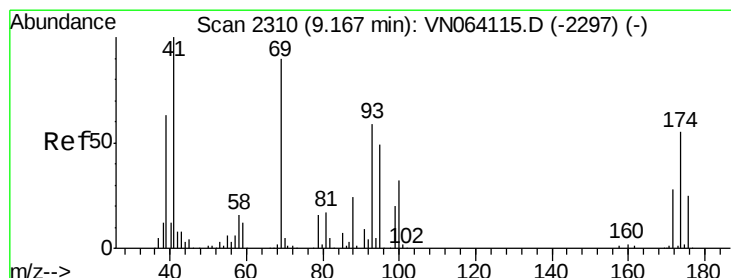
Ion 84.90 (84.60 to 85.60): VN064139.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064139.D (-2280) (-)

Time-->



Time-->



#48

Methyl methacrylate

Concen: 17.965 ug/l

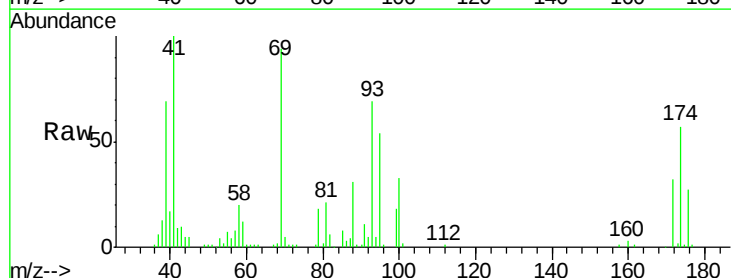
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion:	41	Resp:	65494
Ion Ratio	Lower	Upper	
41	100		
69	94.9	71.4	107.2
39	71.5	52.5	78.7

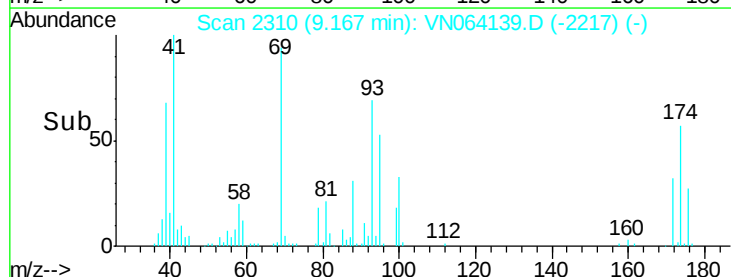


Abundance Ion 41.00 (40.70 to 41.70): VN064139.D (-2217) (-)

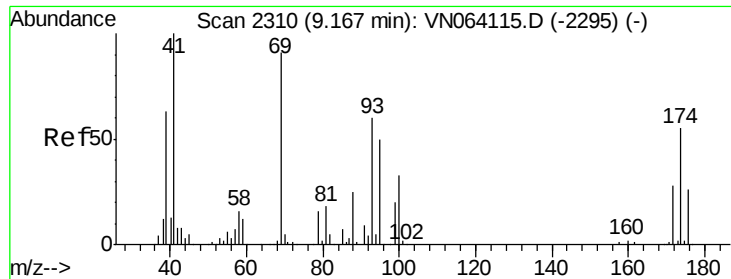
Ion 69.00 (68.70 to 69.70): VN064139.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064139.D (-2217) (-)

Time-->



Time-->



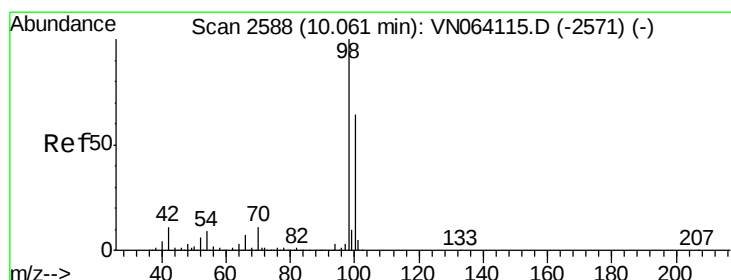
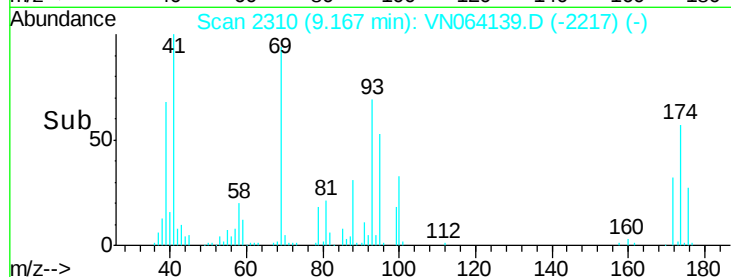
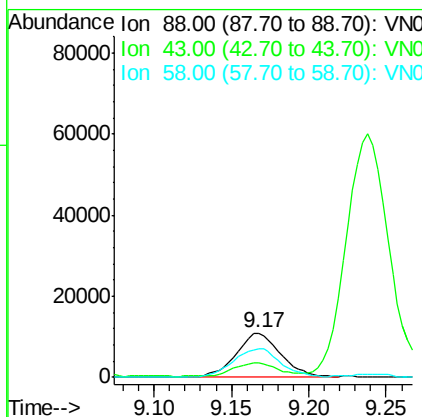
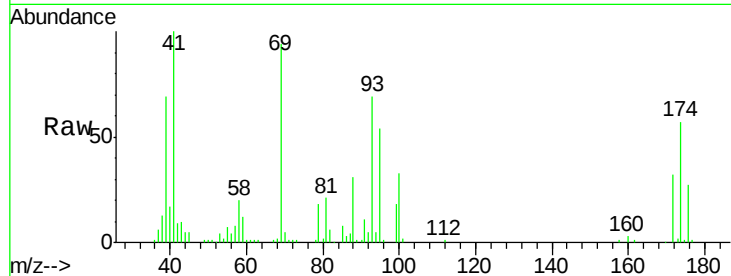
#49
1,4-Dioxane
Concen: 396.142 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	27.2	40.8
58	69.1	52.6	78.8

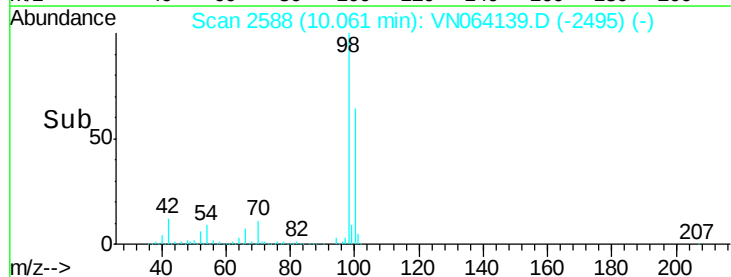
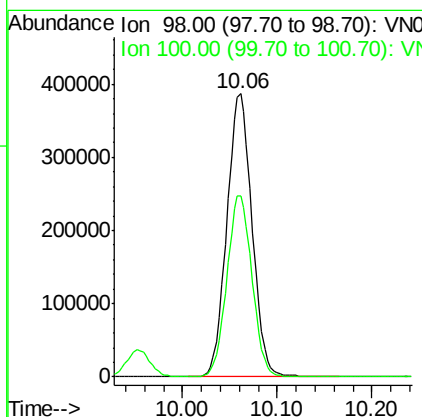
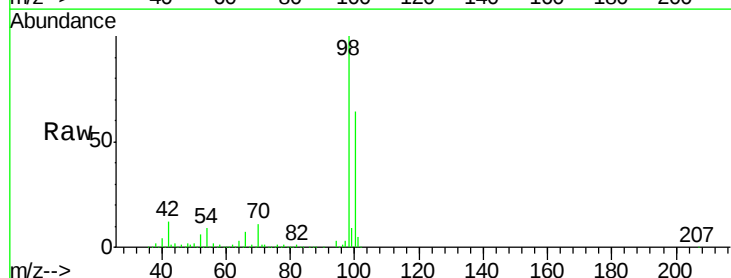
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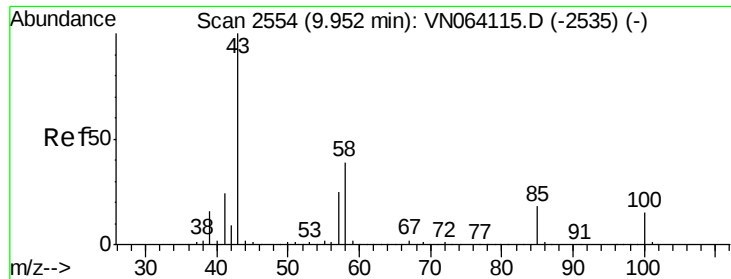
apatel
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#50
Toluene-d8
Concen: 49.208 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 98.670 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

VN1015WBS01

Tot Ion: 43 Resp: 460813

Ion Ratio Lower Upper

43 100

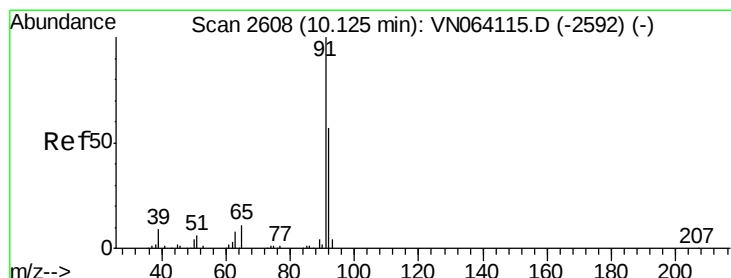
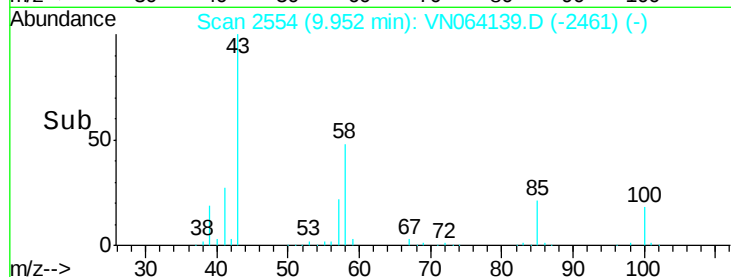
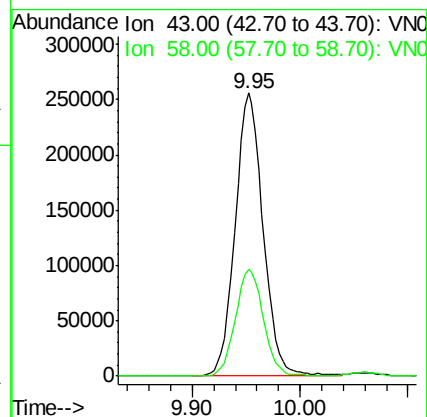
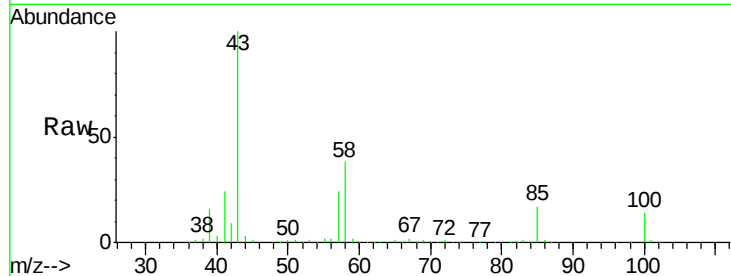
58 38.1 31.2 46.8

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#52

Toluene

Concen: 19.587 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064139.D

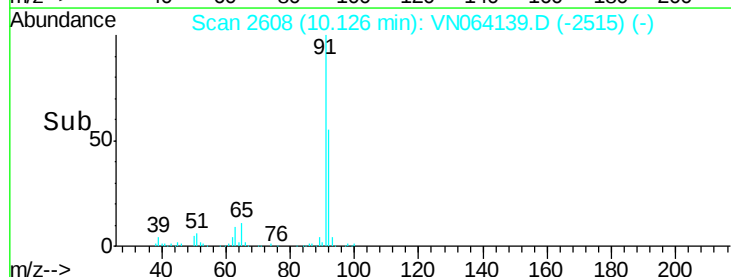
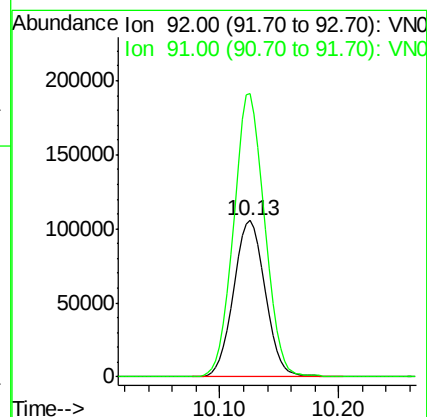
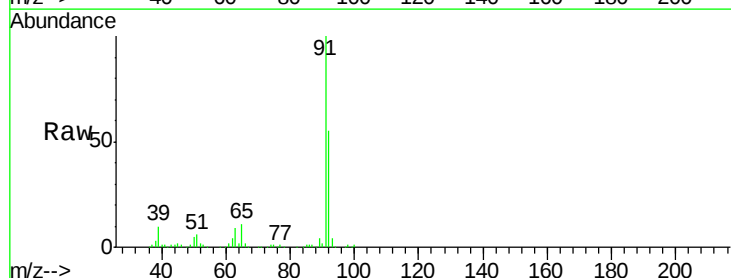
Acq: 15 Oct 2020 13:26

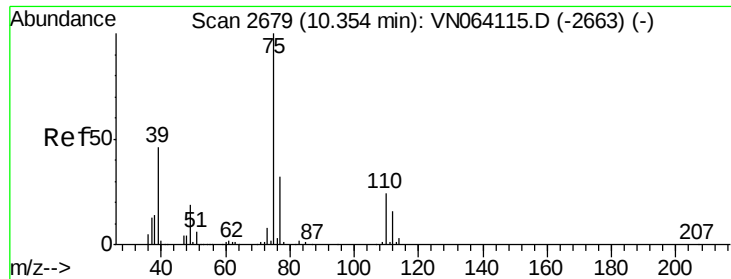
Tgt Ion: 92 Resp: 195319

Ion Ratio Lower Upper

92 100

91 177.5 141.2 211.8





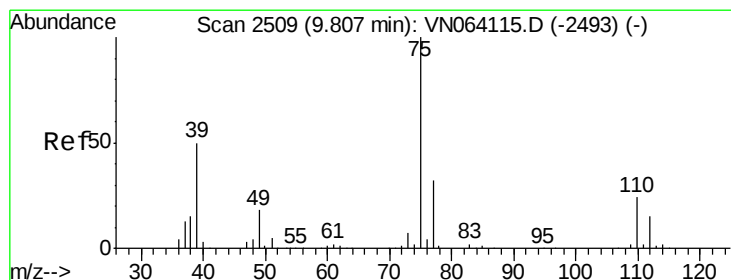
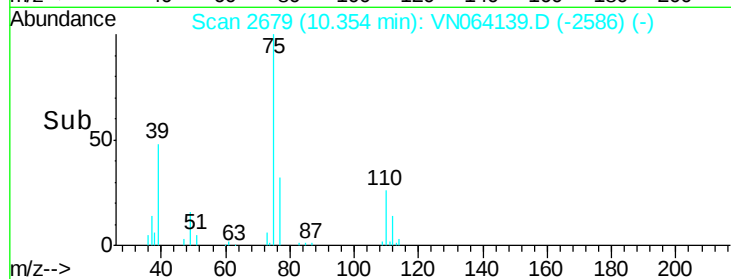
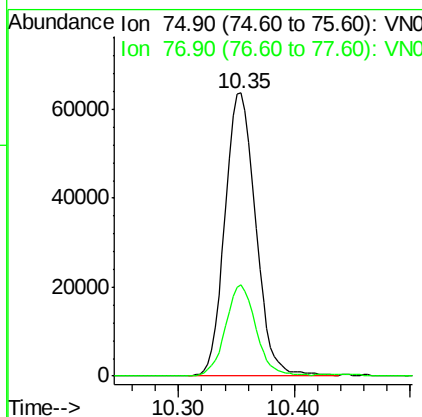
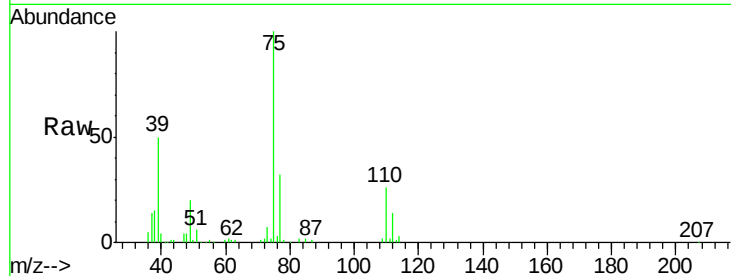
#53
t-1,3-Dichloropropene
Concen: 19.309 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.6	38.4

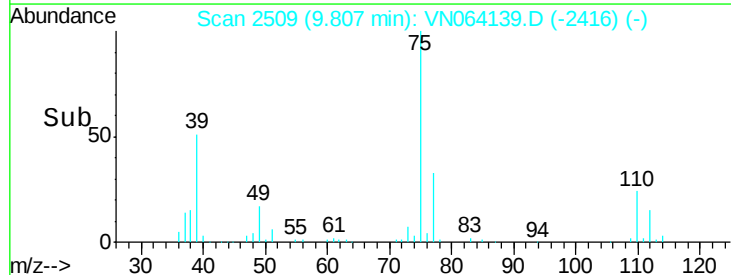
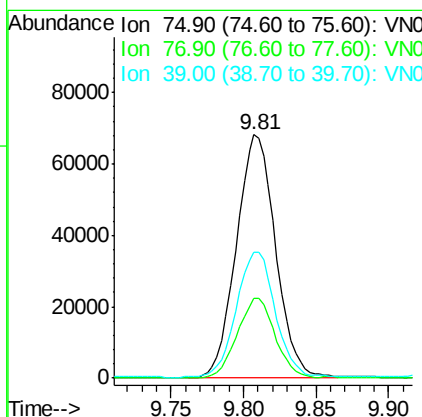
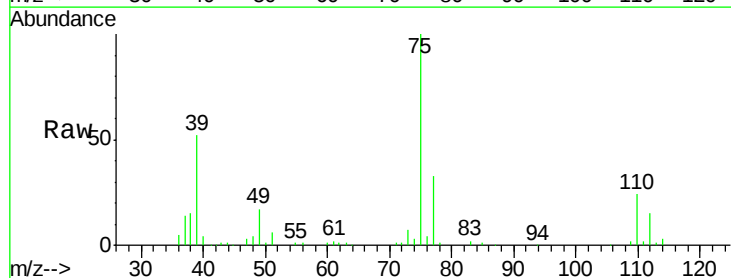
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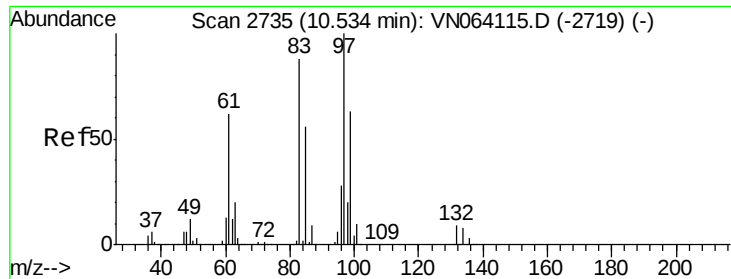
apatel
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#54
cis-1,3-Dichloropropene
Concen: 19.285 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.2	37.8
39	51.2	39.8	59.8





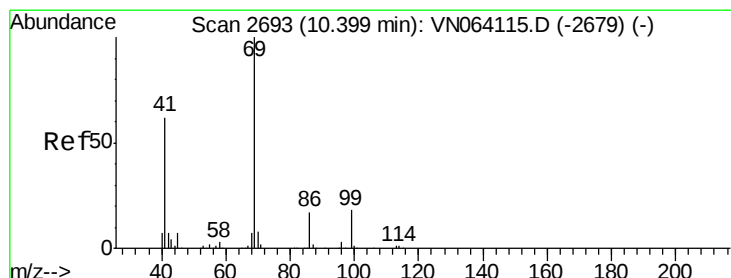
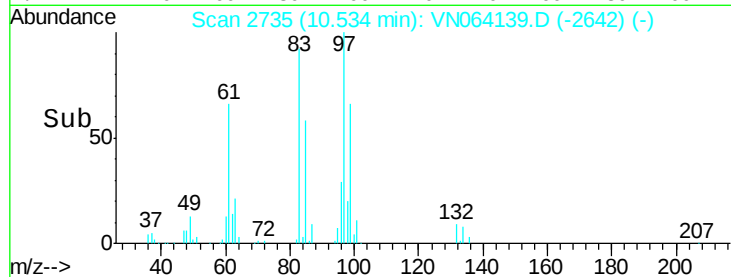
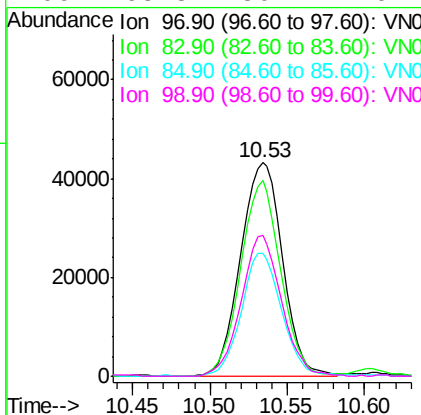
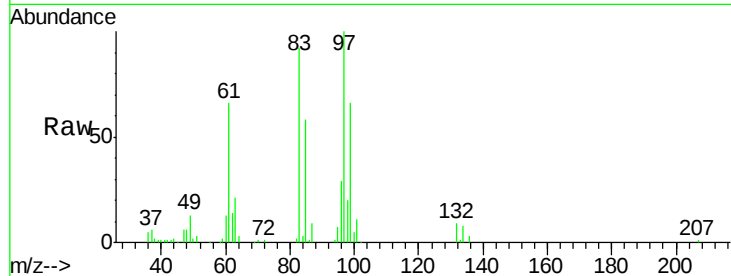
#55
 1,1,2-Trichloroethane
 Concen: 19.707 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion:	97	Resp:	81412
Ion	Ratio	Lower	Upper
97	100		
83	91.6	70.2	105.4
85	57.7	45.0	67.6
99	65.8	50.7	76.1

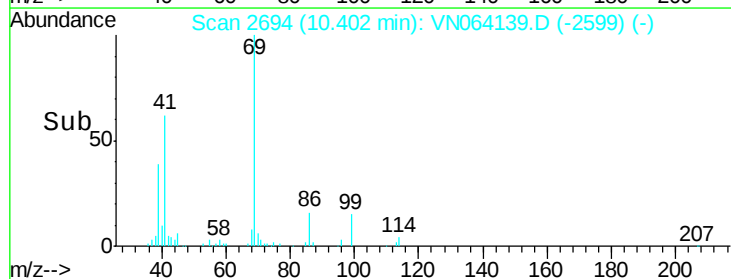
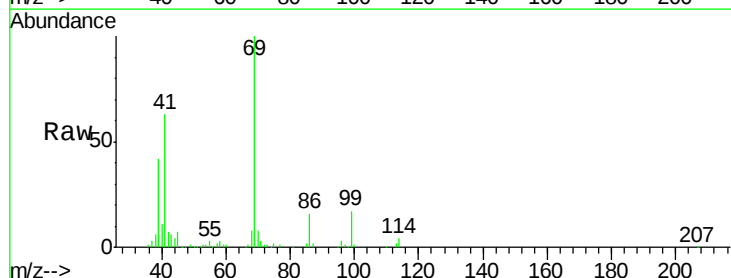
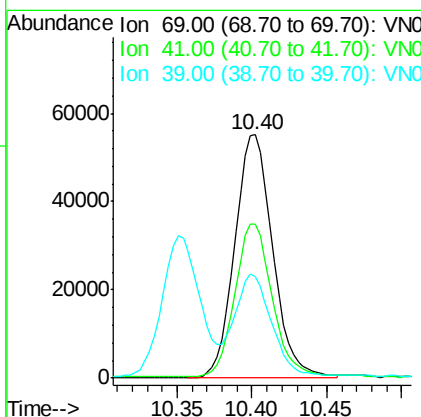
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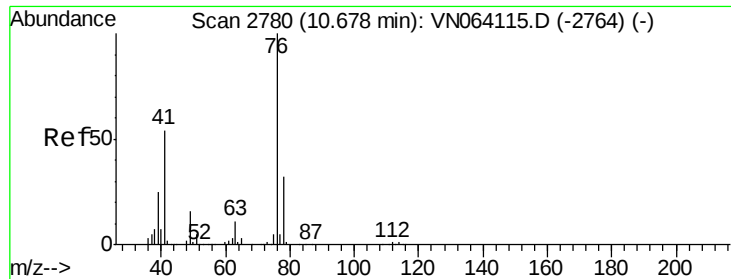
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#56
 Ethyl methacrylate
 Concen: 17.864 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion:	69	Resp:	97662
Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.3	73.9
39	39.3	32.7	49.1





#57

1,3-Dichloropropane

Concen: 19.214 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 76 Resp: 130724

Ion Ratio Lower Upper

76 100

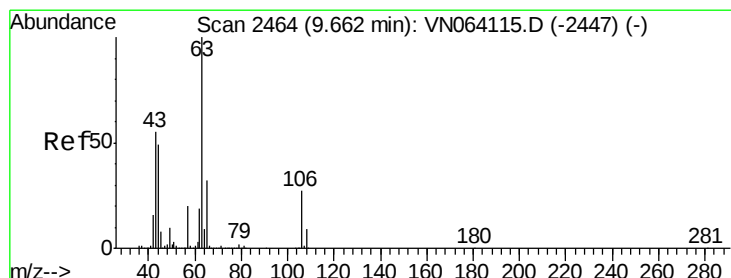
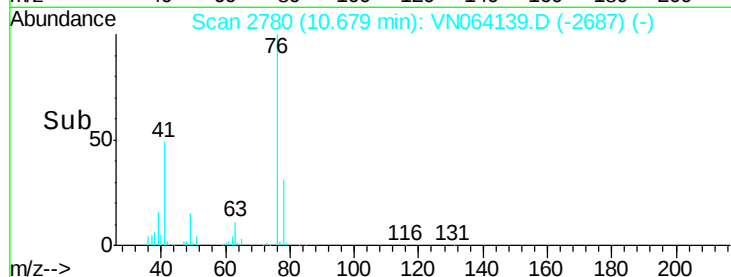
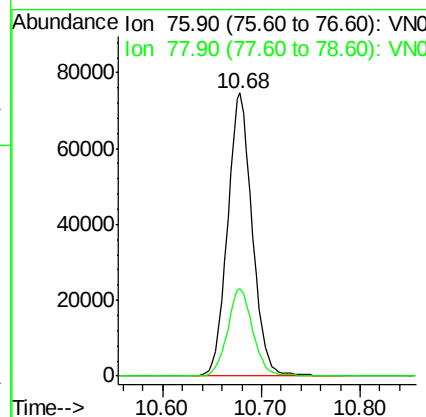
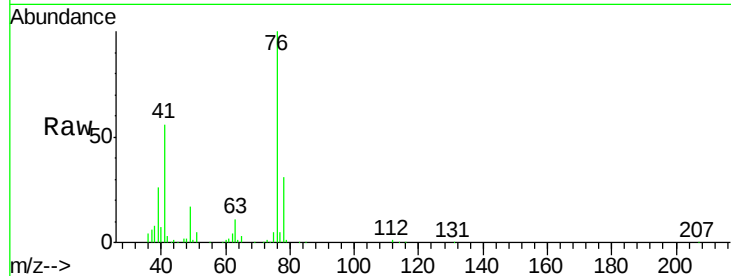
78 32.0 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 89.785 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064139.D

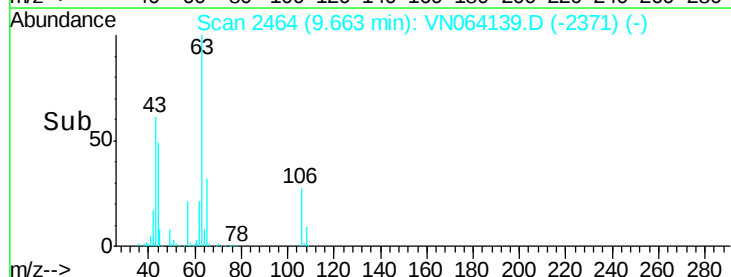
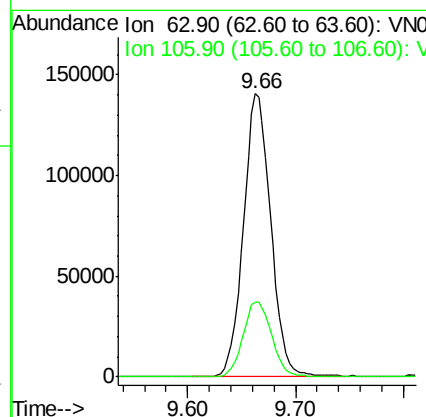
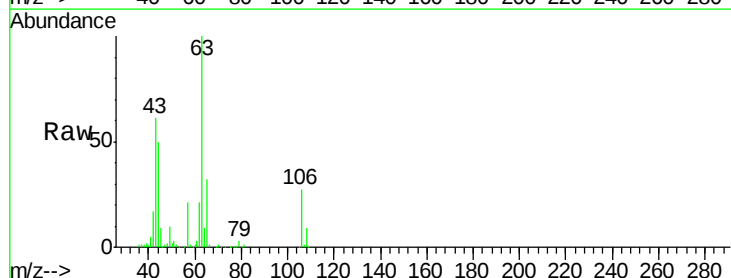
Acq: 15 Oct 2020 13:26

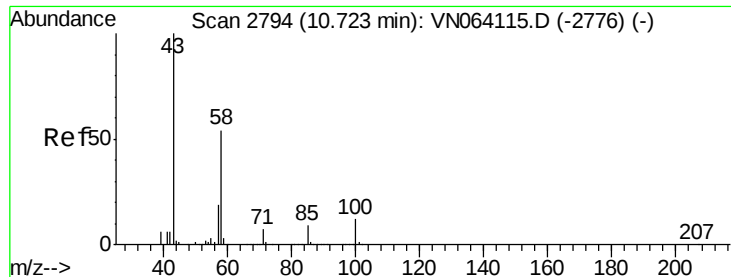
Tgt Ion: 63 Resp: 248261

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.6





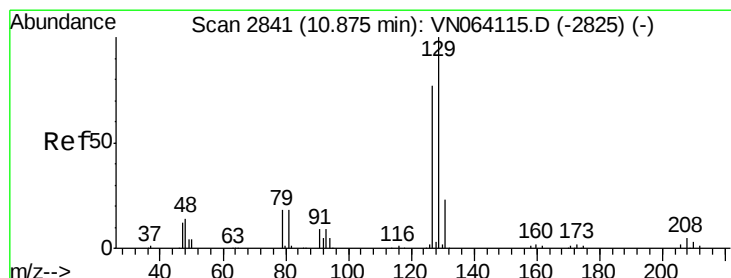
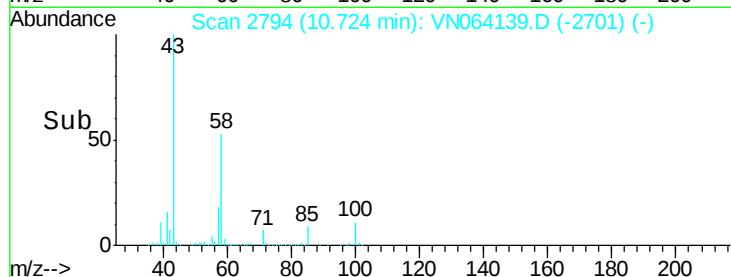
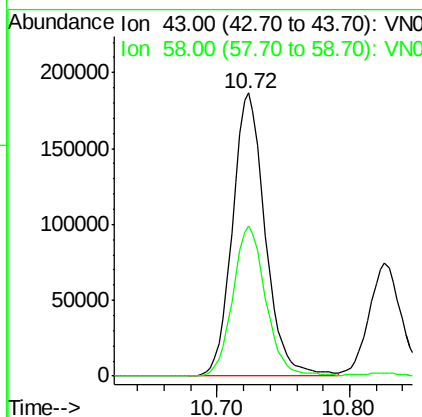
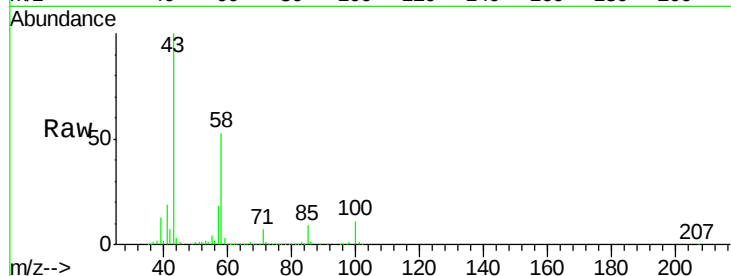
#59
2-Hexanone
Concen: 92.650 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion: 43 Resp: 318486
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.6

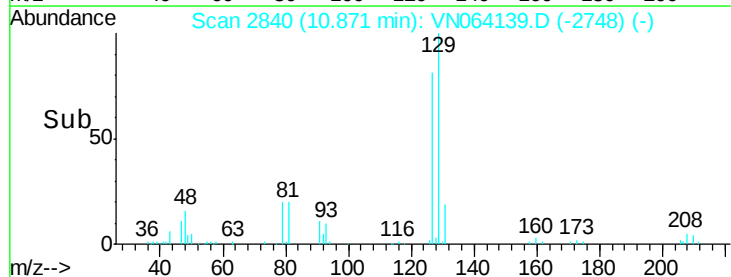
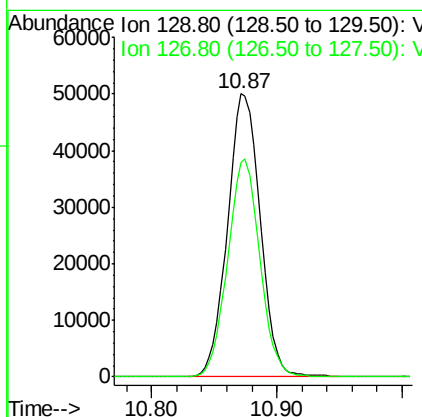
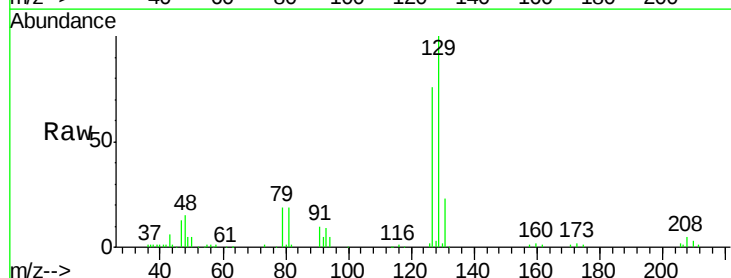
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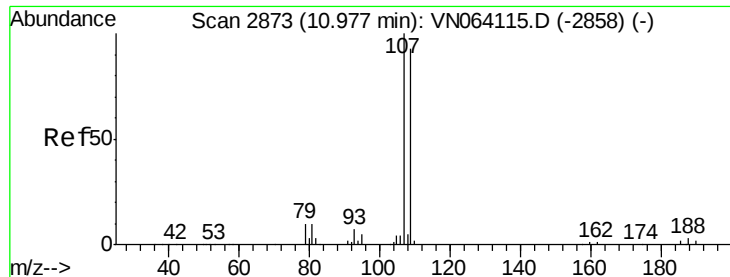
apatel
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#60
Dibromochloromethane
Concen: 19.548 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 129 Resp: 90715
Ion Ratio Lower Upper
129 100
127 75.6 38.2 114.6





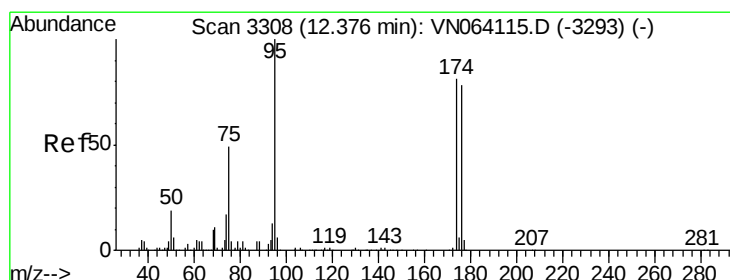
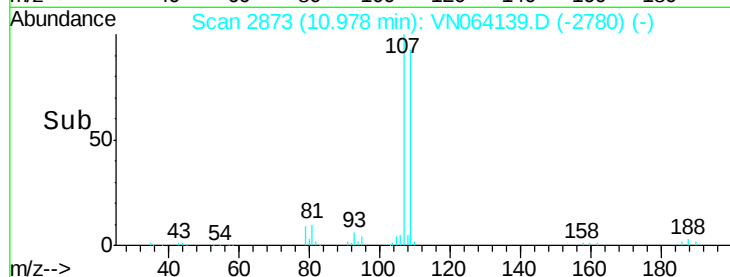
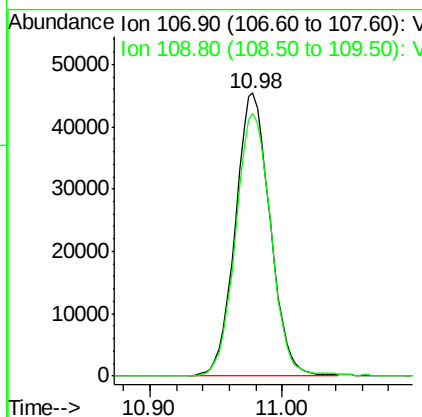
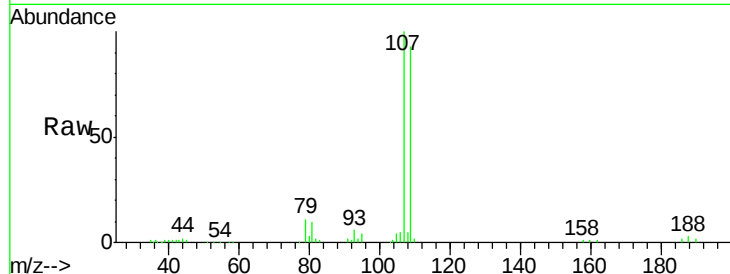
#61
 1,2-Dibromoethane
 Concen: 19.643 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion: 107 Resp: 82598
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.2 112.8

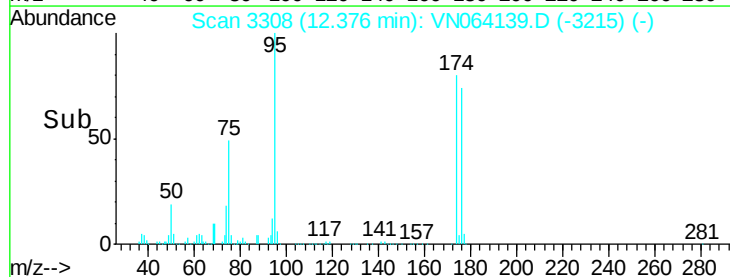
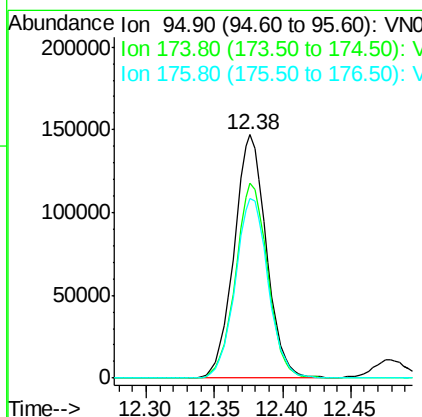
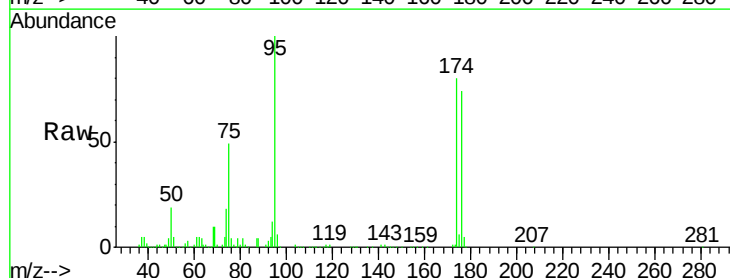
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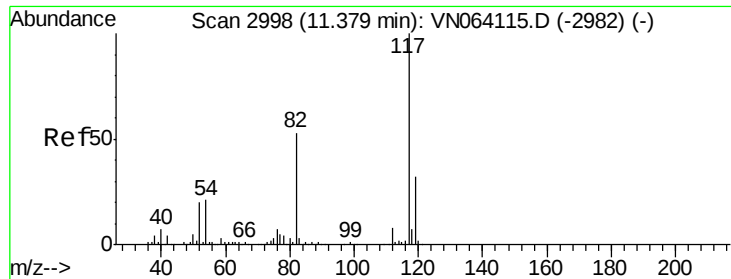
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.304 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 95 Resp: 241092
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 164.8
 176 75.1 0.0 157.8





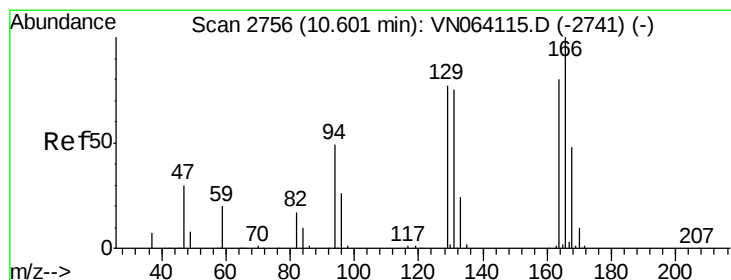
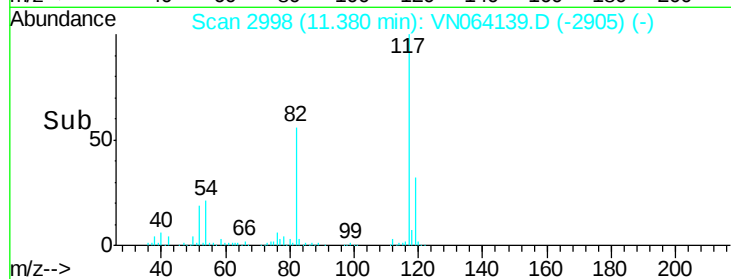
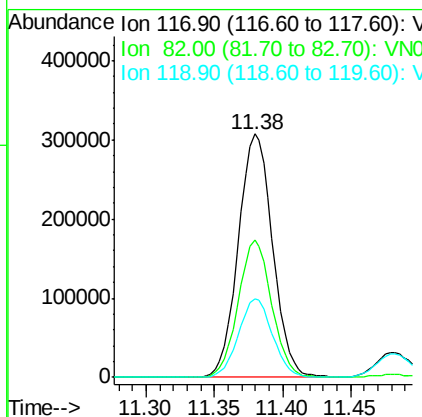
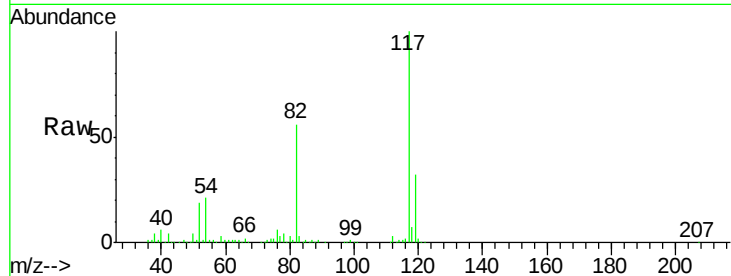
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	536614		
82	56.4		42.6	63.8
119	32.4		25.5	38.3

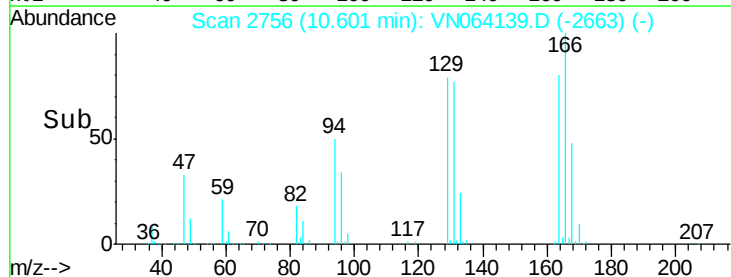
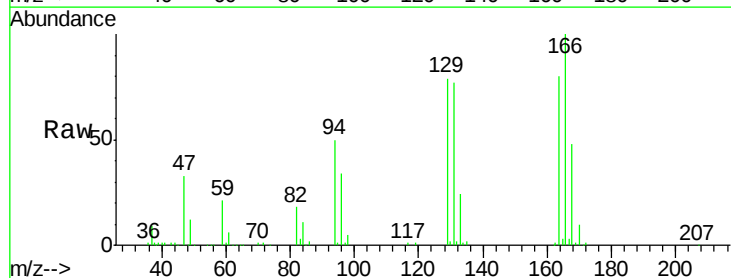
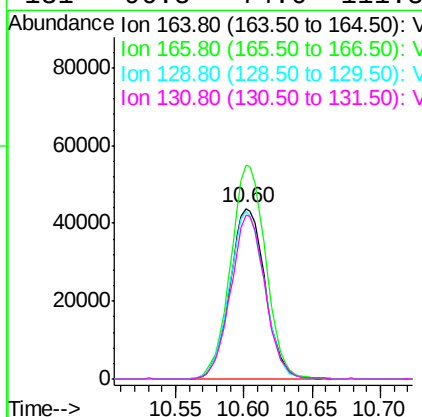
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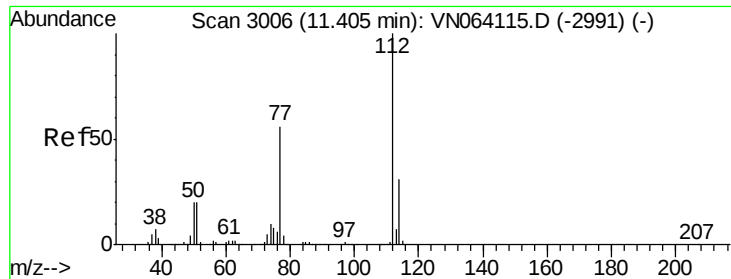
apatel
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#64
Tetrachloroethene
Concen: 19.435 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78628		
166	125.4		99.7	149.5
129	98.6		77.0	115.4
131	96.5		74.6	111.8





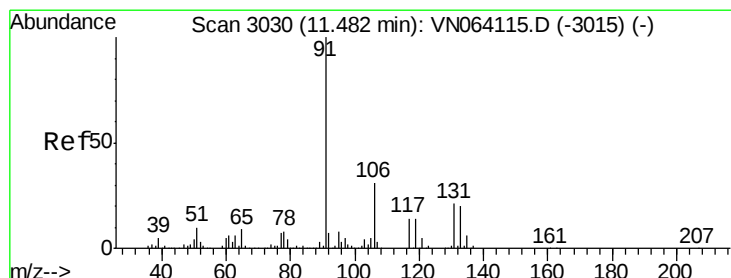
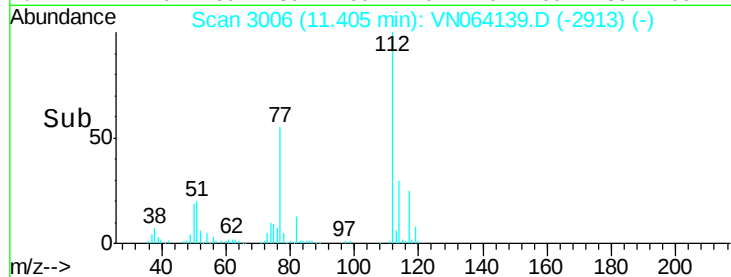
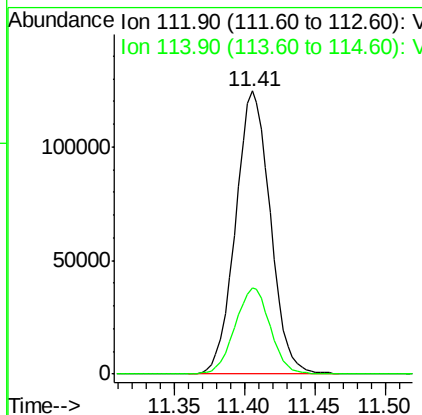
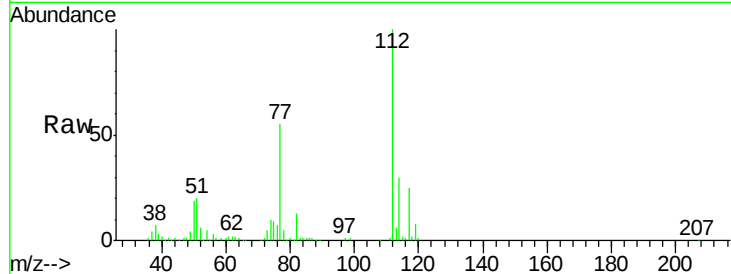
#65
Chlorobenzene
Concen: 19.042 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.3	24.6	37.0

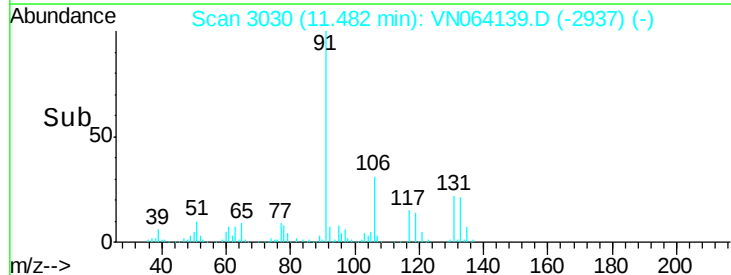
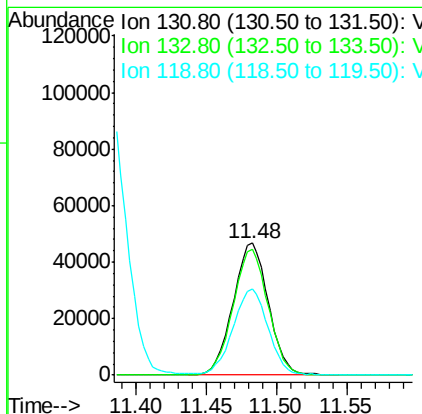
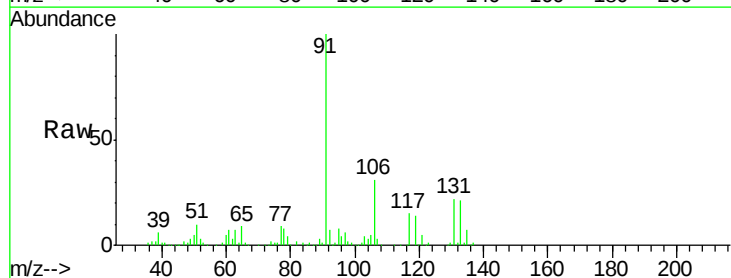
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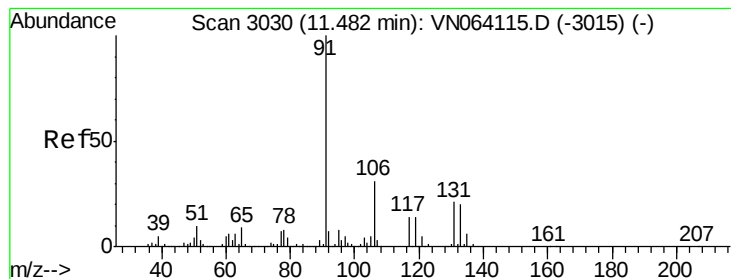
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.090 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.3	141.9
119	65.5	32.8	98.4





#67

Ethyl Benzene

Concen: 18.670 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 91 Resp: 353410

Ion Ratio Lower Upper

91 100

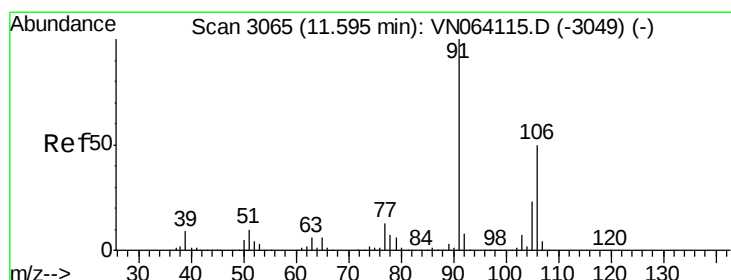
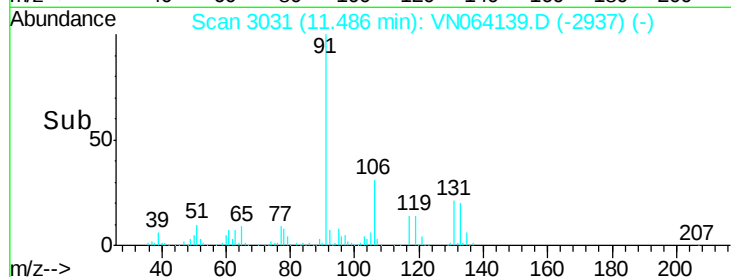
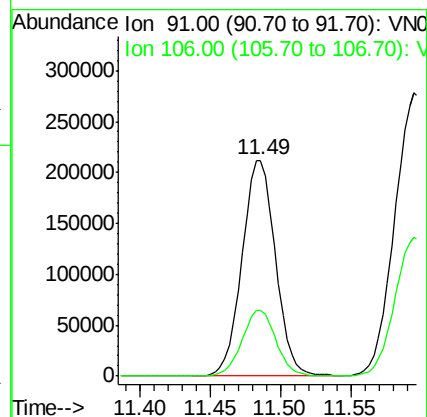
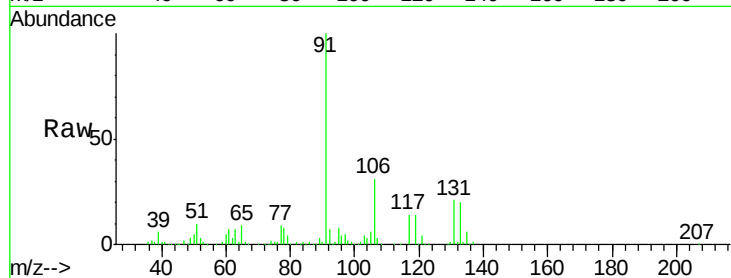
106 30.6 24.7 37.1

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#68

m/p-Xylenes

Concen: 36.081 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064139.D

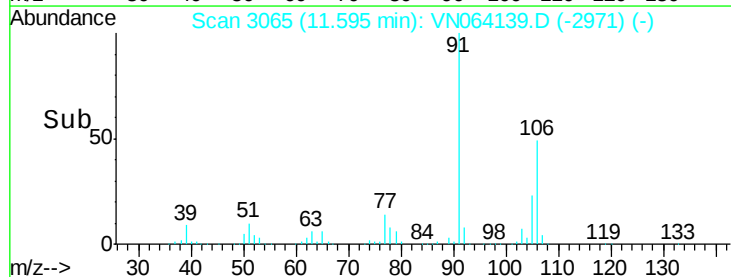
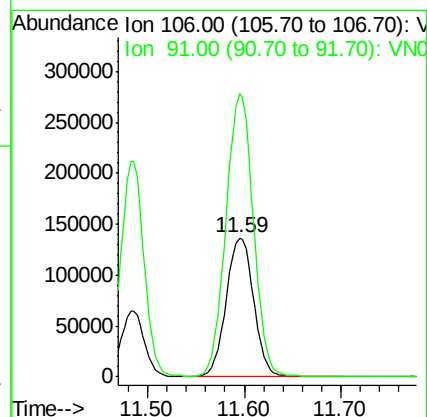
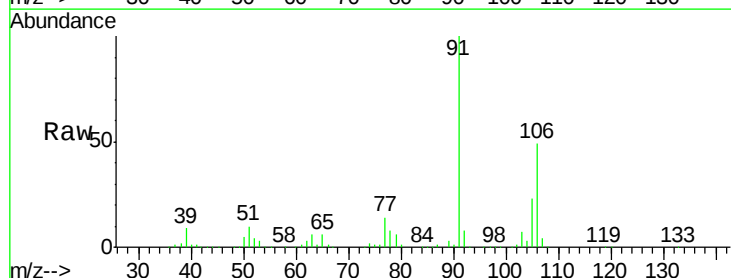
Acq: 15 Oct 2020 13:26

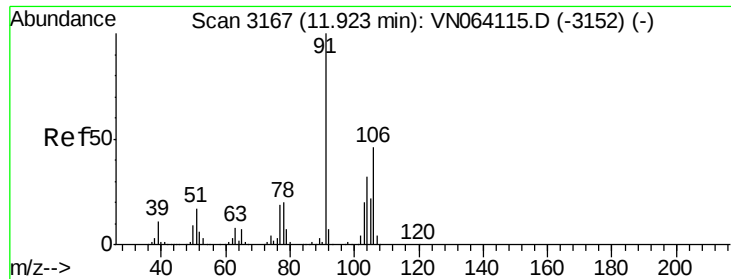
Tgt Ion: 106 Resp: 270382

Ion Ratio Lower Upper

106 100

91 201.6 162.1 243.1





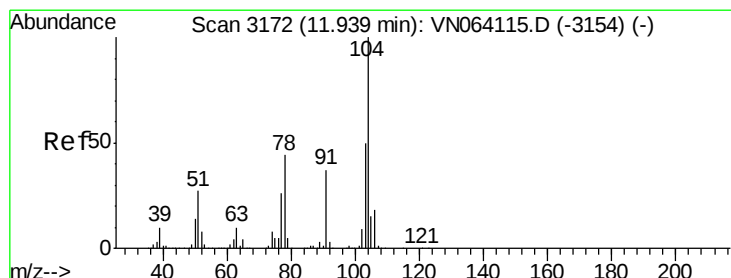
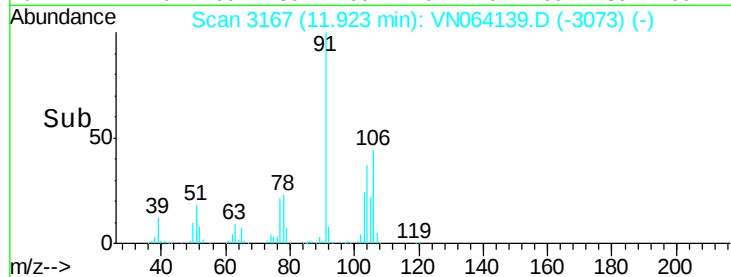
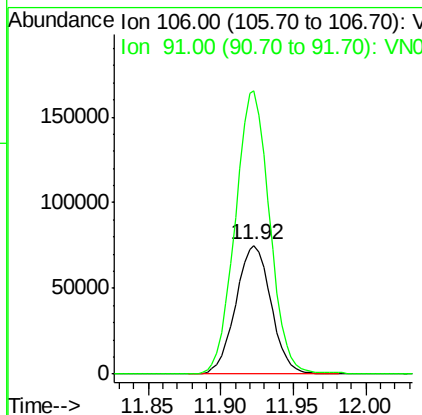
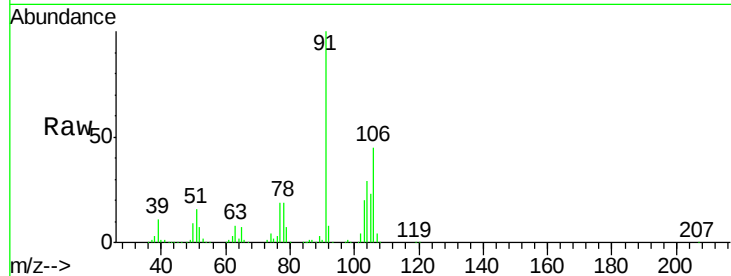
#69
o-Xylene
Concen: 18.077 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	107.6	322.8

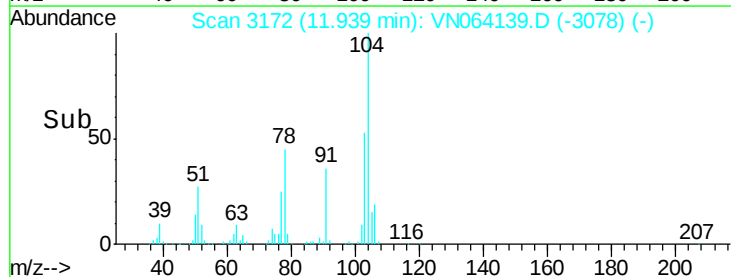
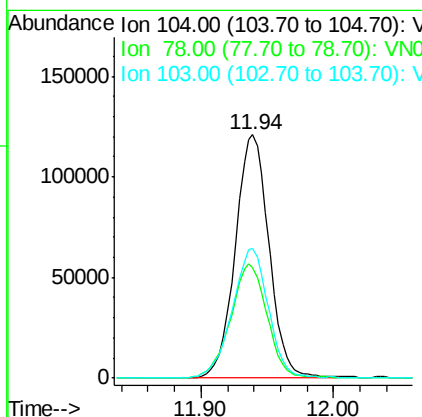
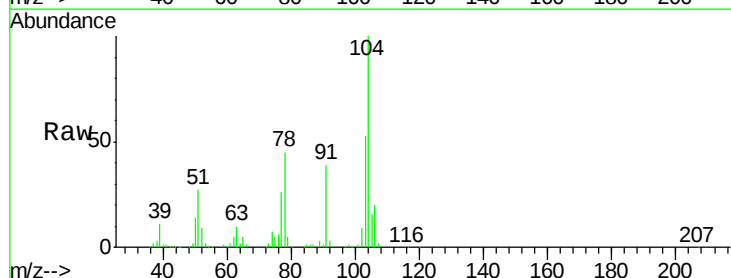
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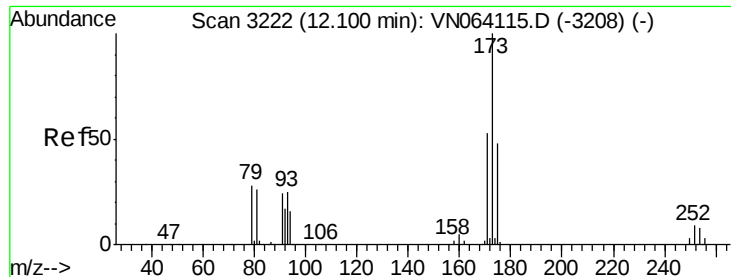
apatel
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#70
Styrene
Concen: 17.995 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.8	39.7	59.5
103	56.8	44.2	66.2





#71

Bromoform

Concen: 18.629 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion:173 Resp: 61004

Ion Ratio Lower Upper

173 100

175 48.3 23.4 70.2

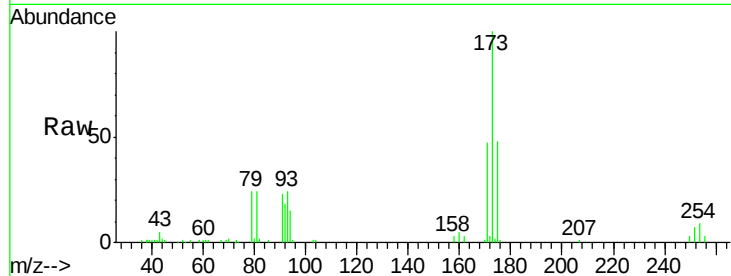
254 0.0 0.1 0.1#

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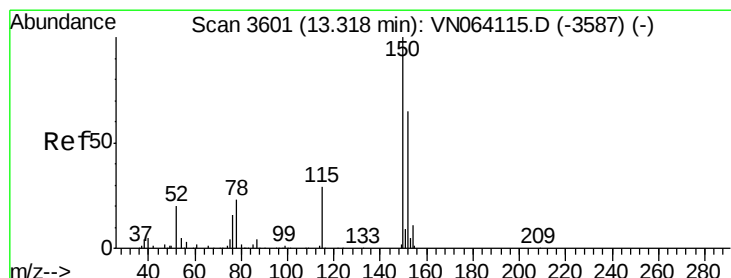
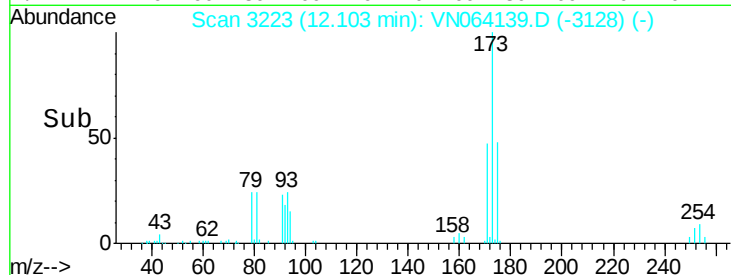
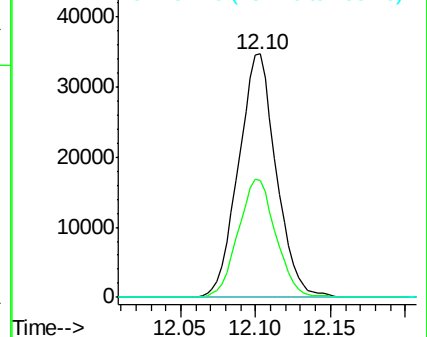
10/19/2020 11:25:59 AM



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# 3601

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

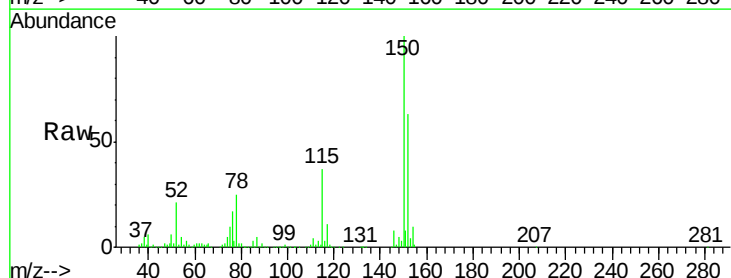
Tgt Ion:152 Resp: 239386

Ion Ratio Lower Upper

152 100

115 59.4 29.3 87.8

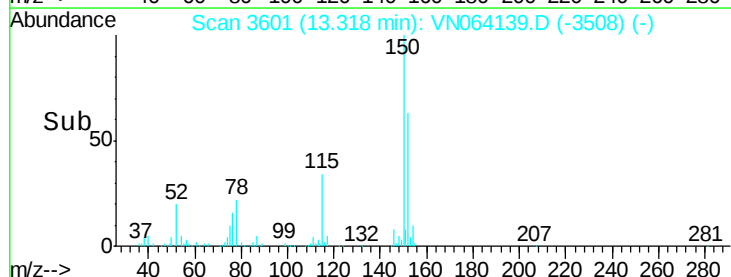
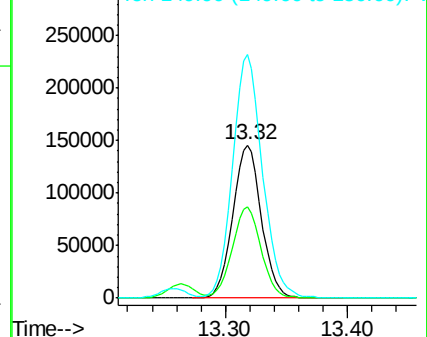
150 164.7 0.0 346.0

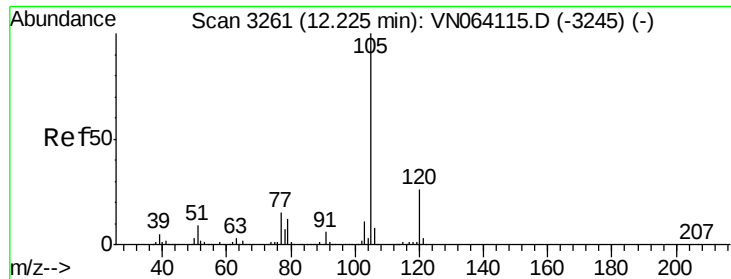


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.022 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion: 105 Resp: 329843

Ion Ratio Lower Upper

105 100

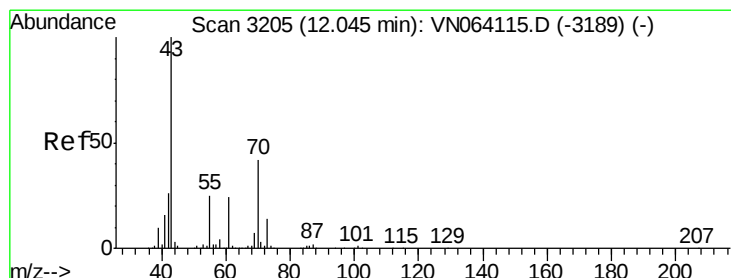
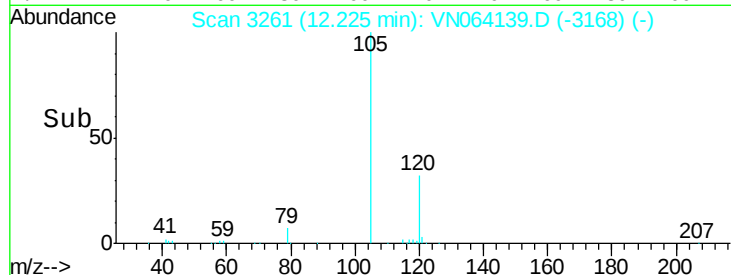
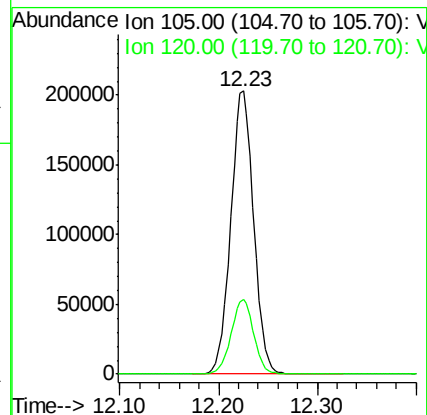
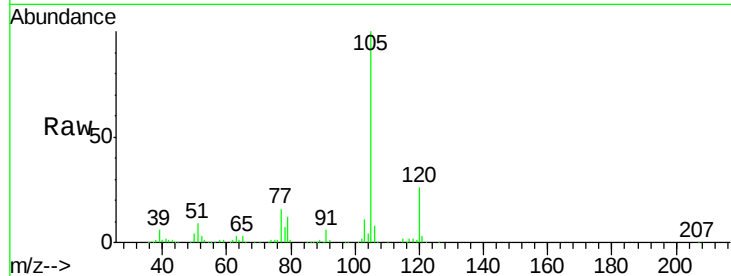
120 26.1 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.569 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion: 43 Resp: 114086

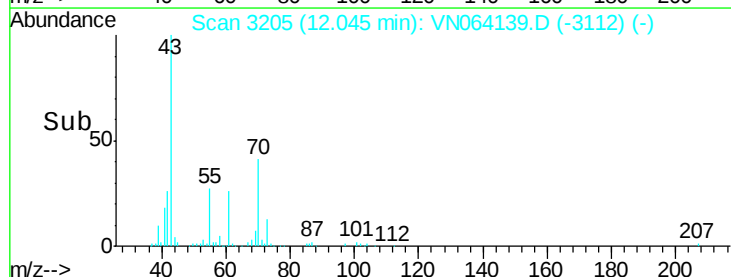
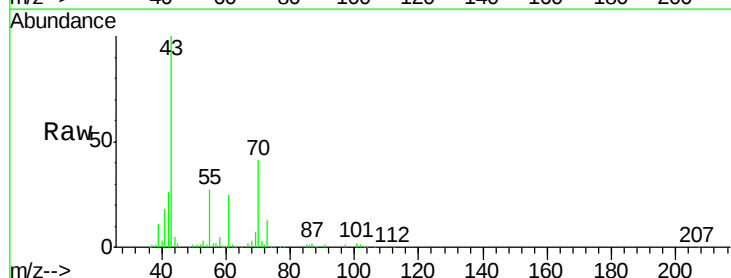
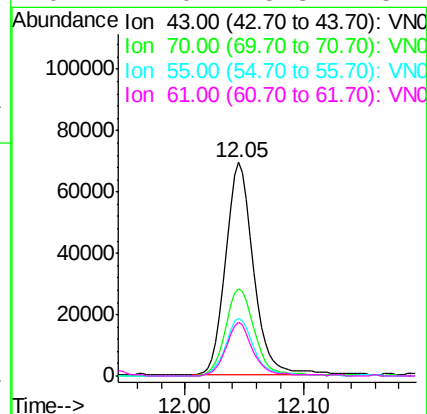
Ion Ratio Lower Upper

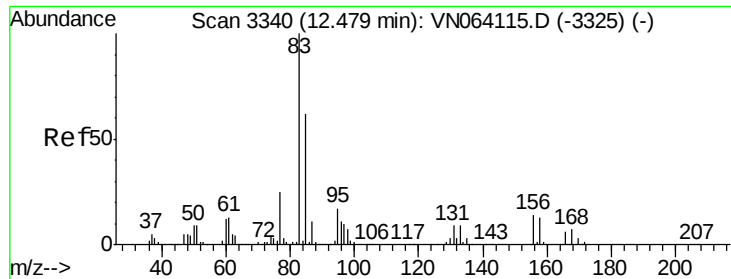
43 100

70 41.8 33.2 49.8

55 27.4 19.9 29.9

61 24.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.683 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

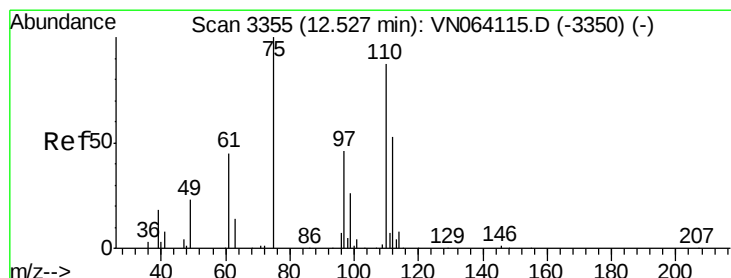
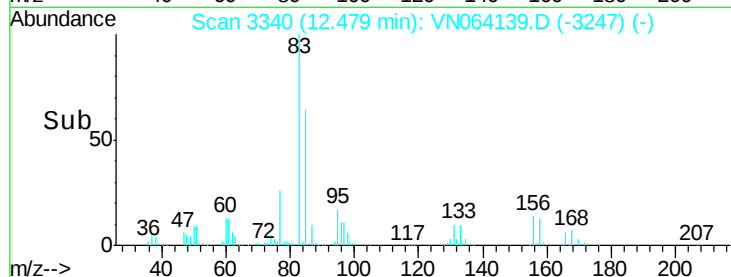
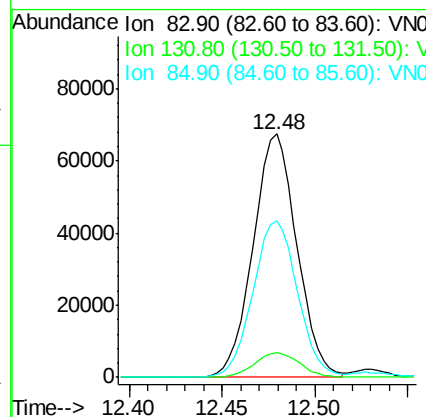
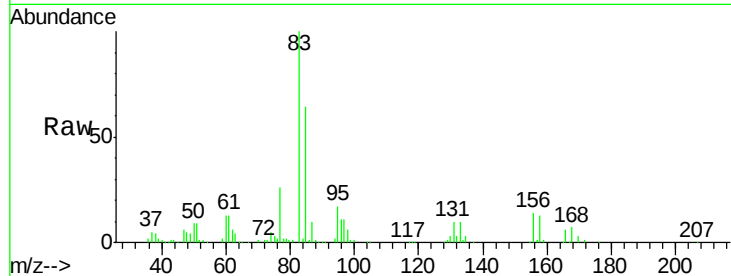
ClientSampleId :

VN1015WBS01

Tot Ion:	83	Resp:	111539
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	65.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 18.146 ug/l m

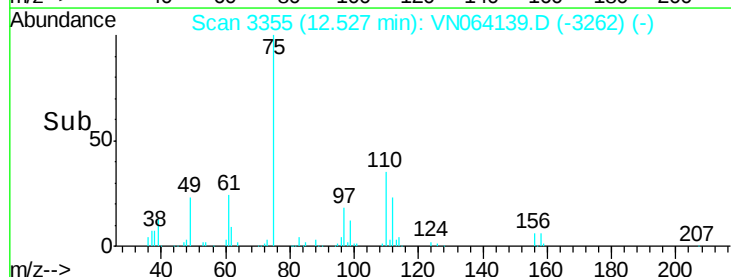
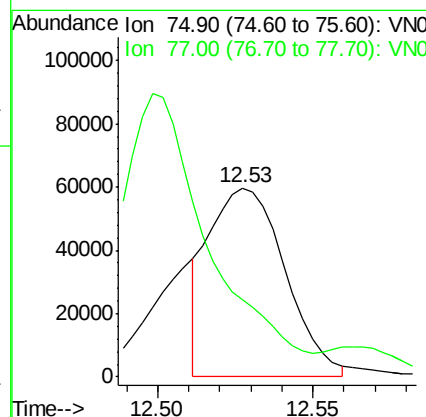
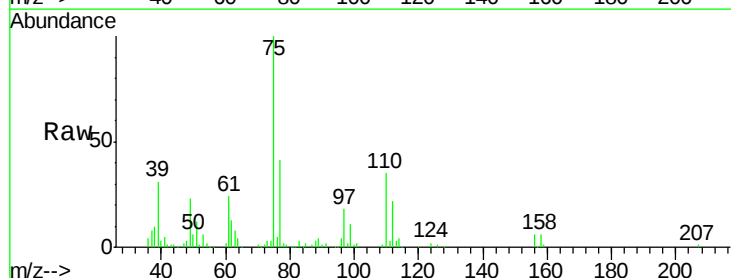
RT: 12.53 min Scan# 3355

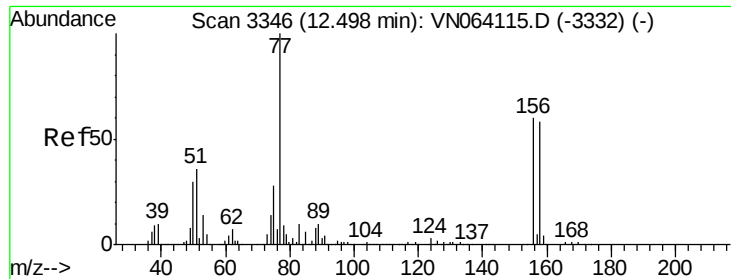
Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion:	75	Resp:	101909
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.832 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

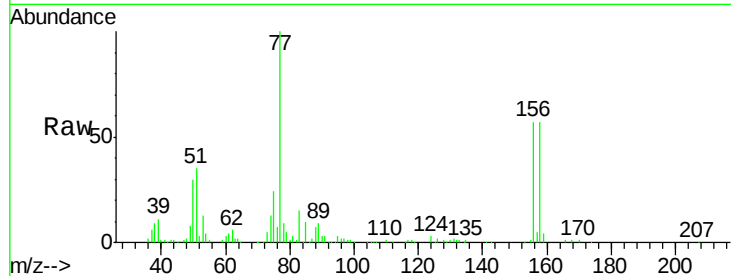
ClientSampleId :

VN1015WBS01

Tot Ion:	156	Resp:	88652
Ion Ratio	Lower	Upper	
156	100		
77	208.2	99.3	297.9
158	97.5	48.6	145.9

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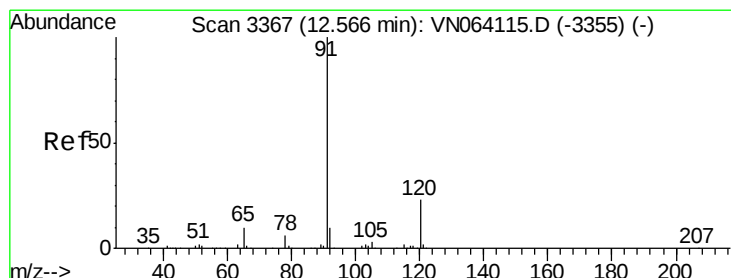
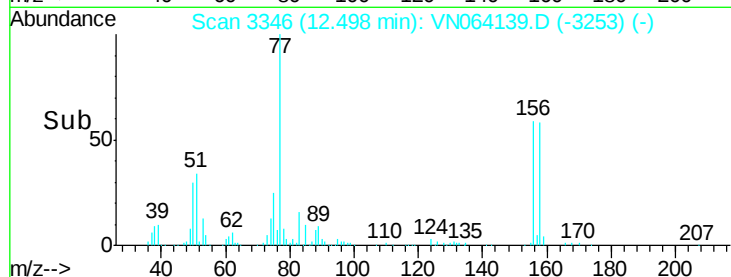
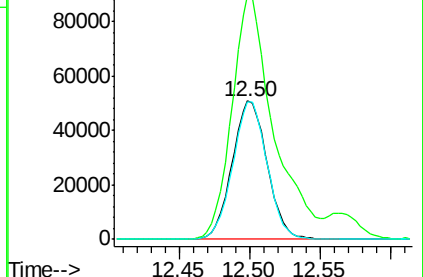
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.602 ug/l

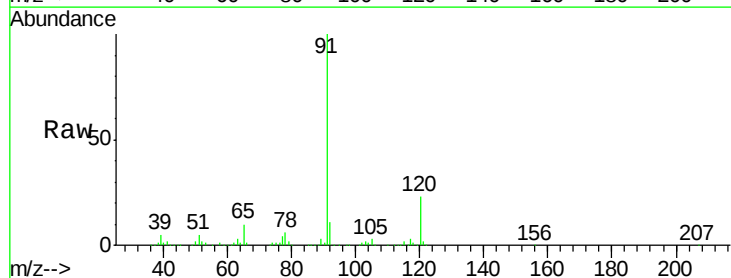
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064139.D

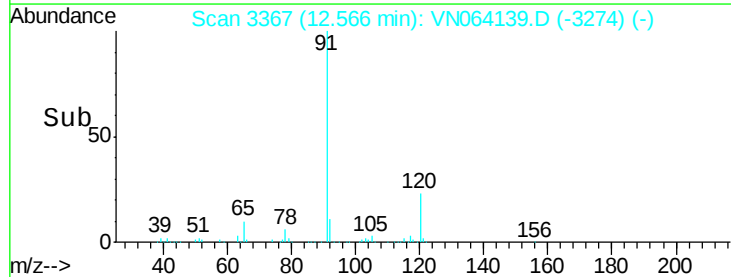
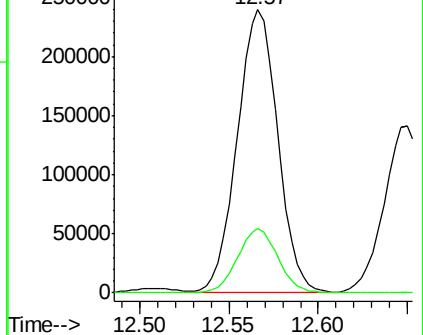
Acq: 15 Oct 2020 13:26

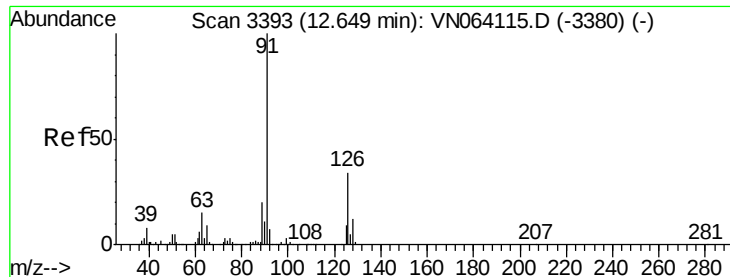
Tgt Ion:	91	Resp:	379370
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





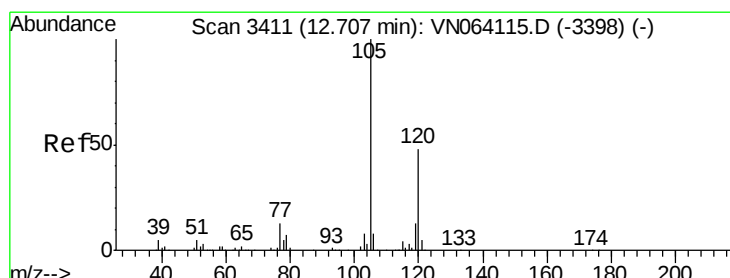
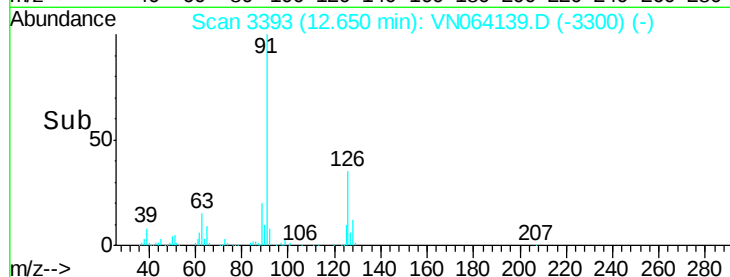
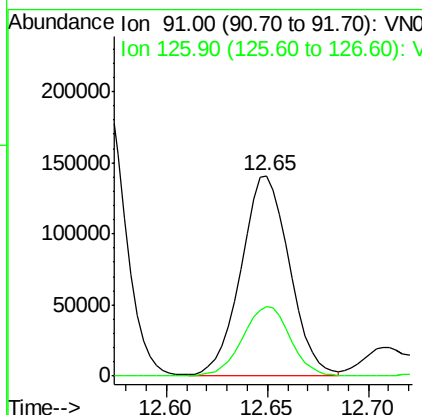
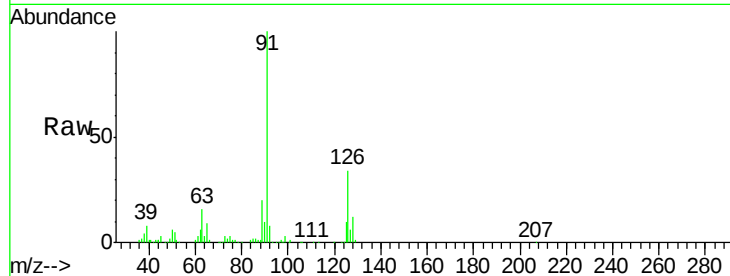
#79
2-Chlorotoluene
Concen: 19.229 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.5	52.5

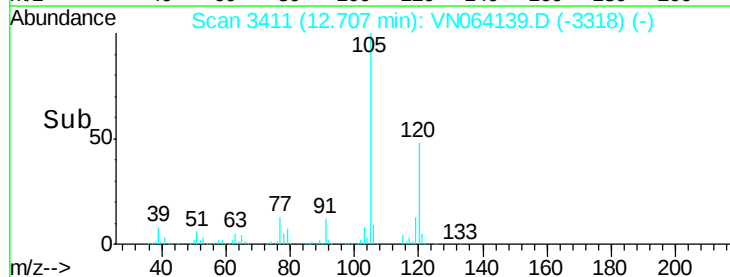
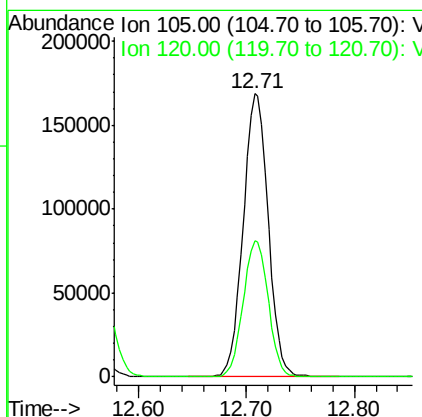
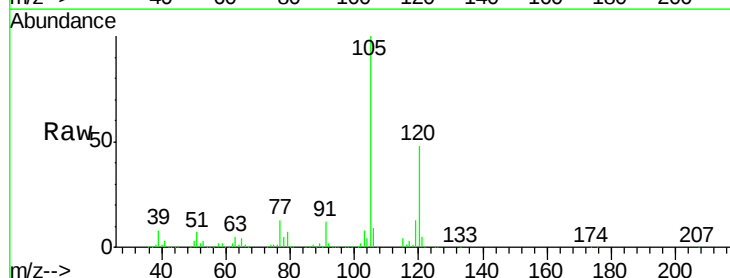
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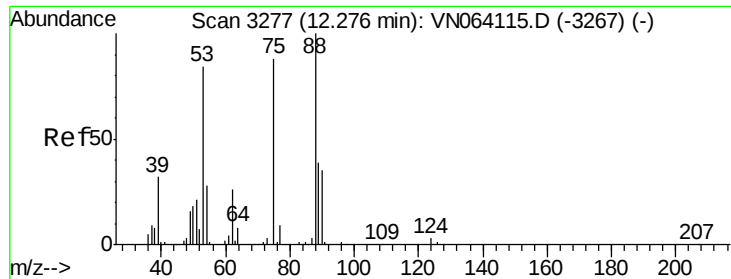
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#80
1,3,5-Trimethylbenzene
Concen: 19.591 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.0	72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.103 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

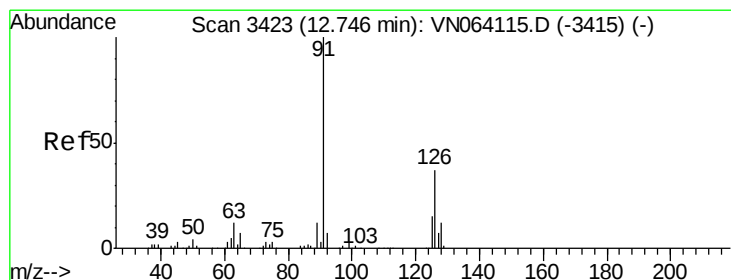
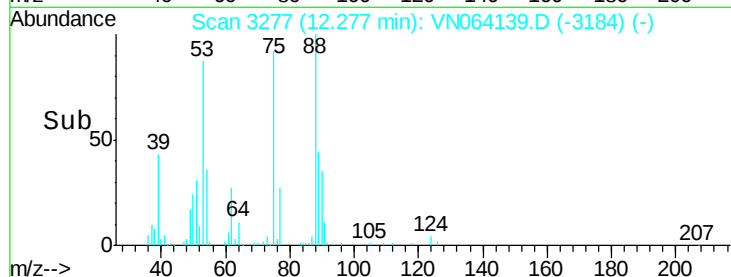
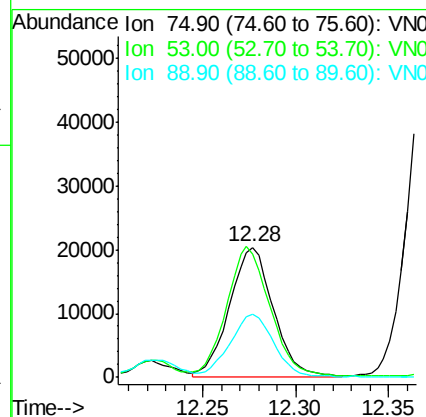
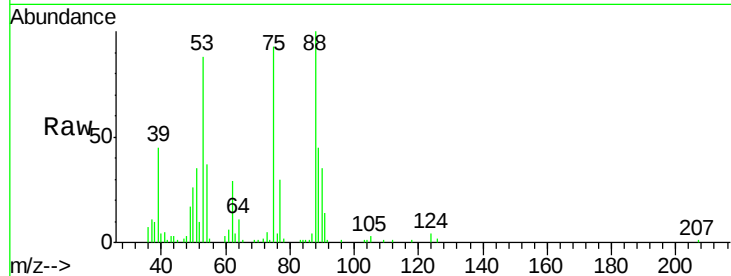
ClientSampleId :

VN1015WBS01

Tot Ion:	75	Resp:	33278
Ion	Ratio	Lower	Upper
75	100		
53	100.9	75.7	113.5
89	49.5	36.6	55.0

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#82

4-Chlorotoluene

Concen: 19.081 ug/l

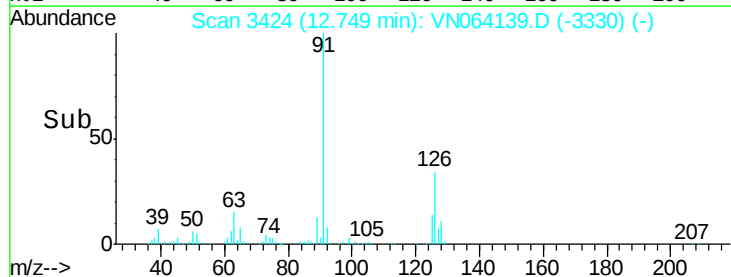
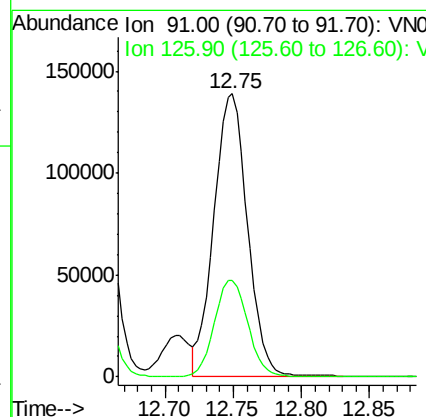
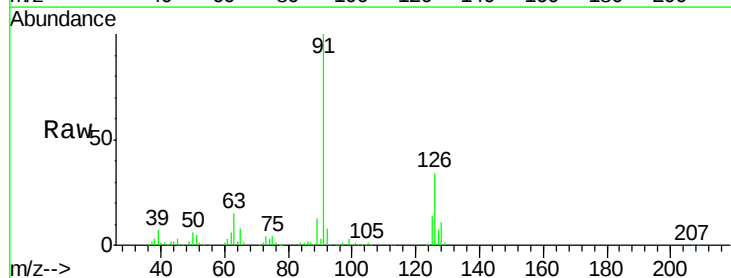
RT: 12.75 min Scan# 3424

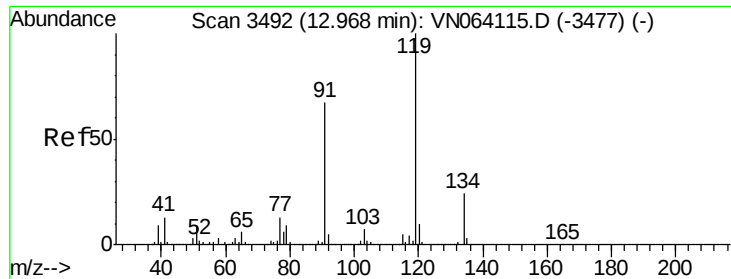
Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion:	91	Resp:	236712
Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.1	51.2





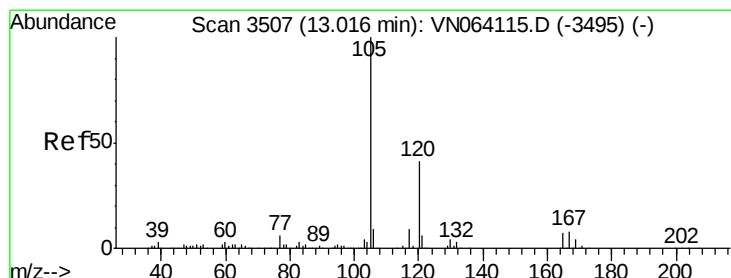
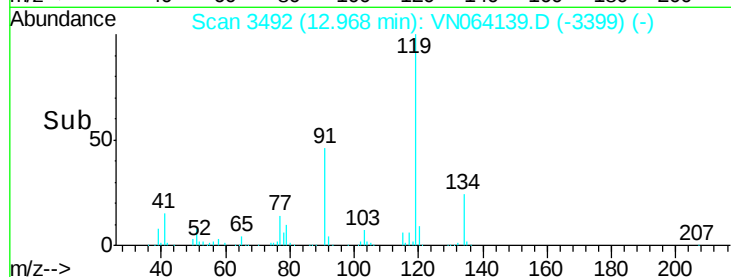
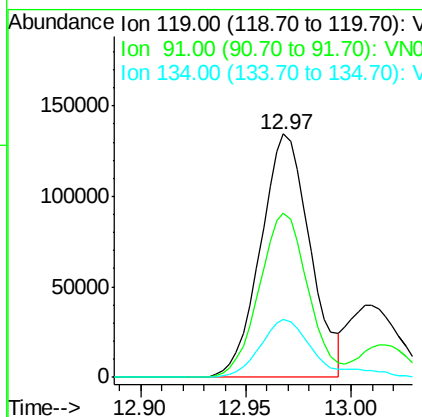
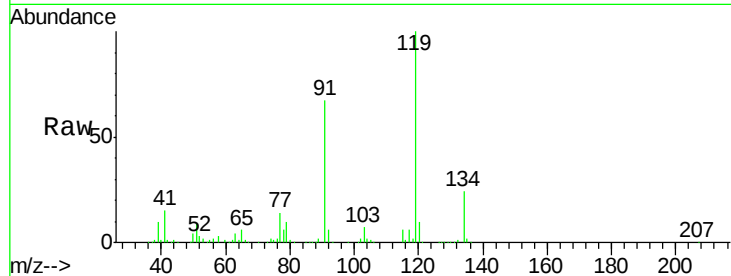
#83
tert-Butylbenzene
Concen: 19.042 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	219181		
91	66.2	32.6	98.0	
134	26.3	13.0	39.0	

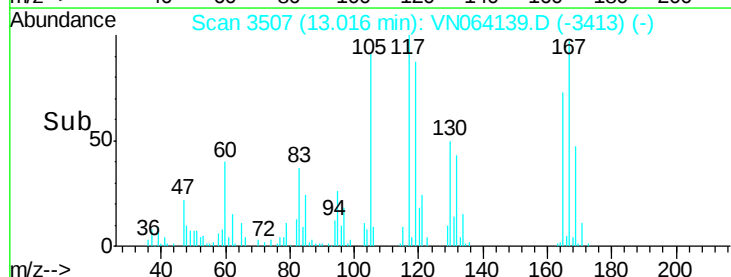
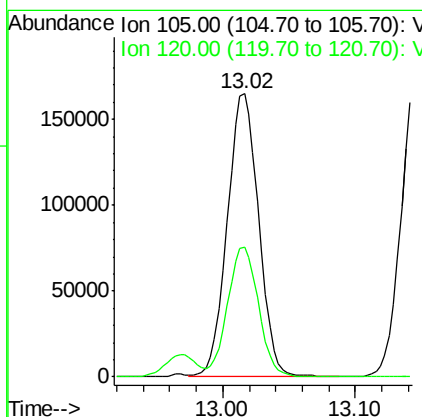
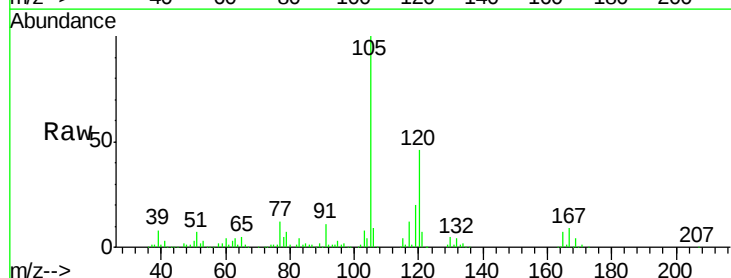
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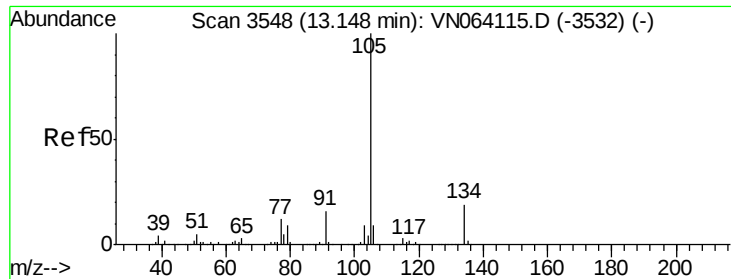
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#84
1,2,4-Trimethylbenzene
Concen: 18.659 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268997		
120	45.5	22.8	68.4	





#85

sec-Butylbenzene

Concen: 19.354 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

Tot Ion:105 Resp: 286390

Ion Ratio Lower Upper

105 100

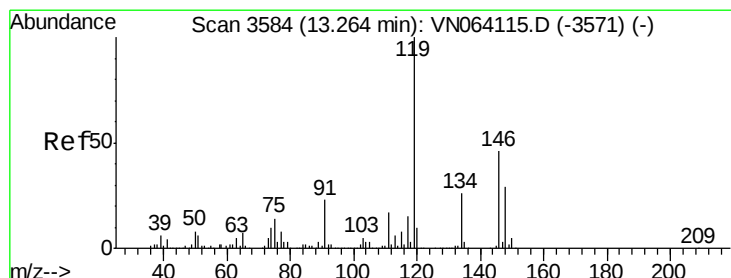
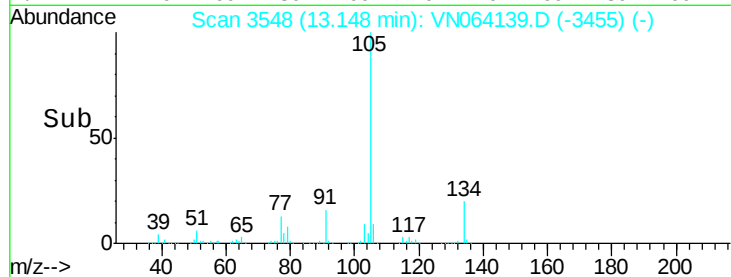
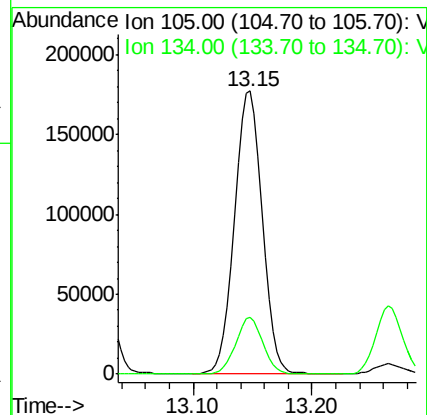
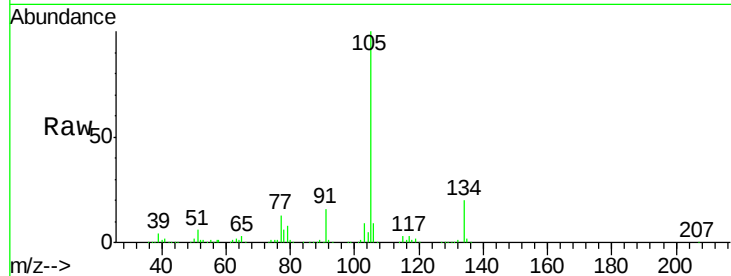
134 19.5 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.364 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

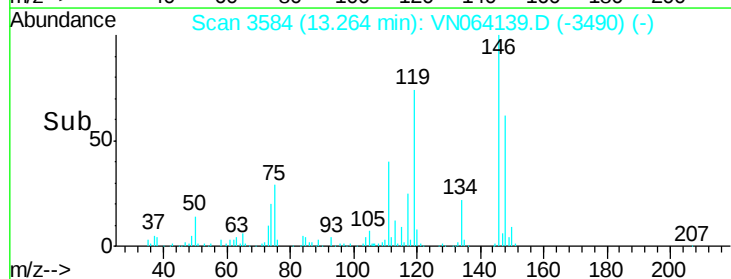
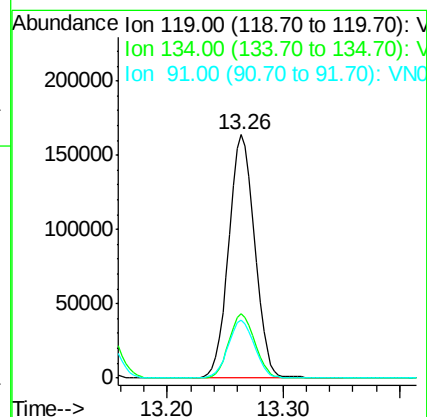
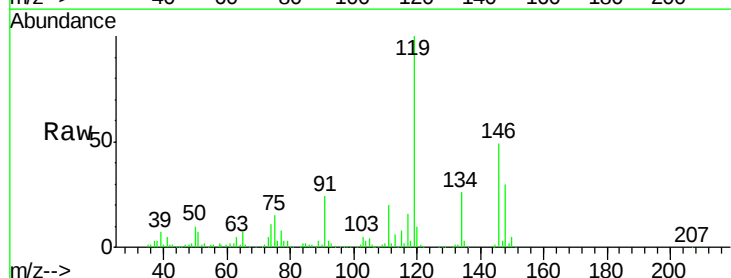
Tgt Ion:119 Resp: 251074

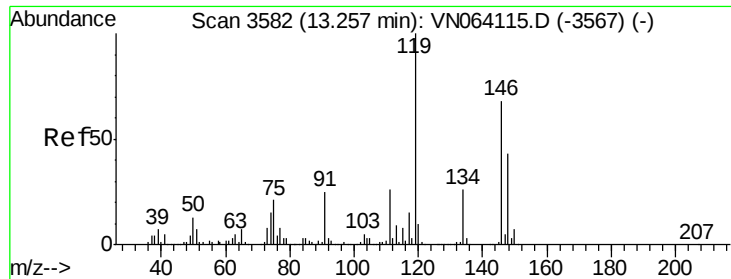
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.8 12.0 36.1





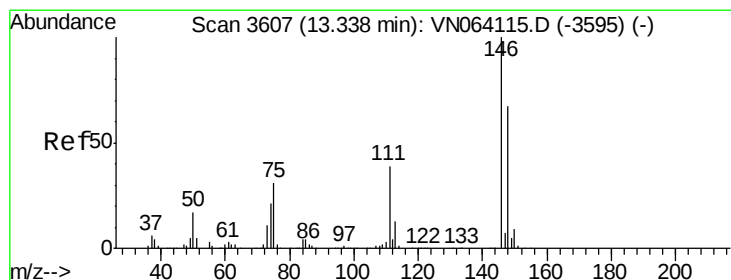
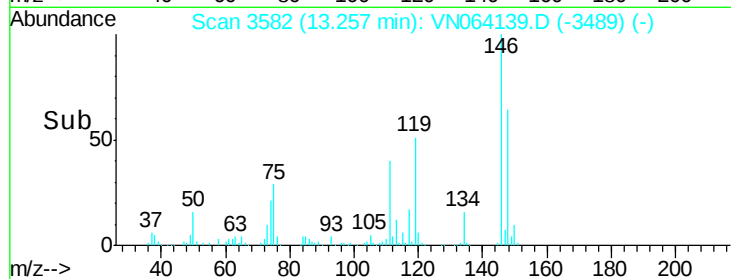
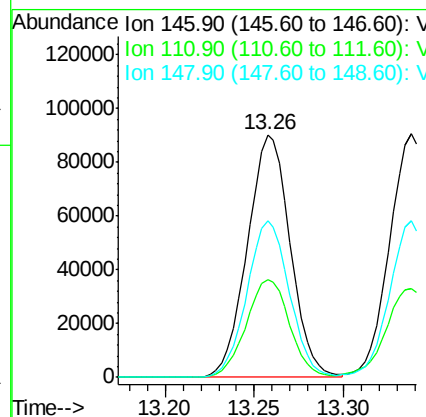
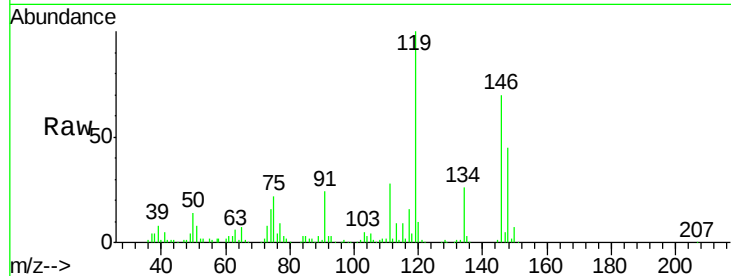
#87
 1,3-Dichlorobenzene
 Concen: 19.303 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.7	59.1
148	63.7	32.0	96.2

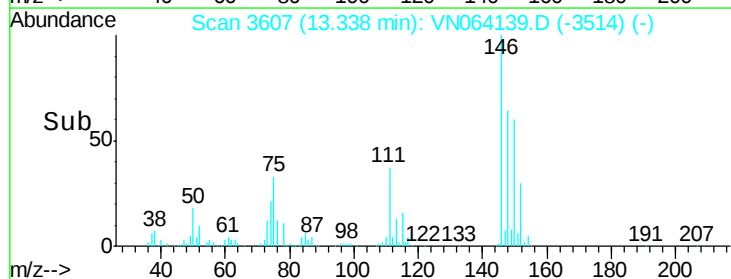
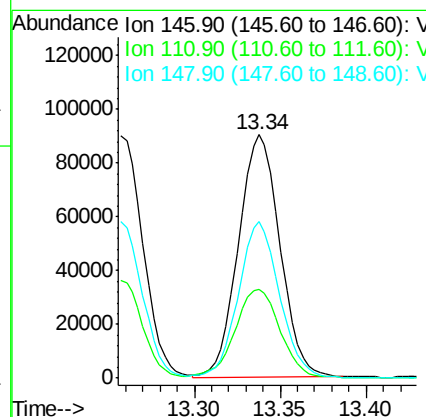
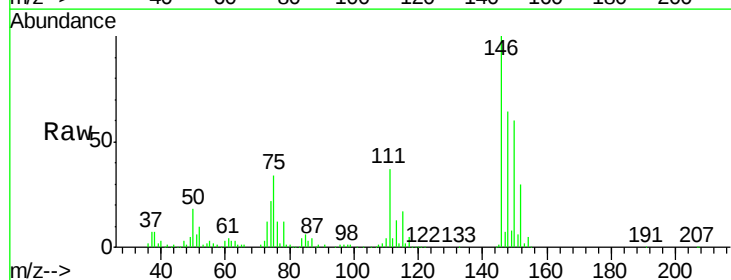
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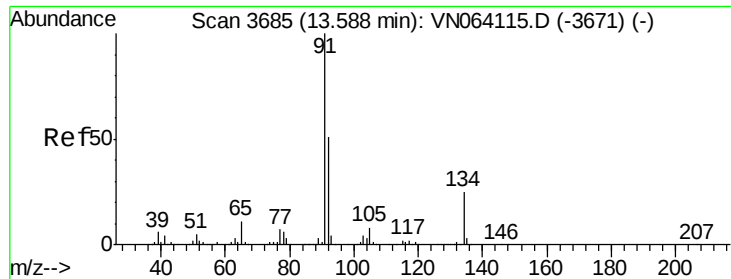
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#88
 1,4-Dichlorobenzene
 Concen: 18.659 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.3	57.9
148	64.1	32.1	96.5





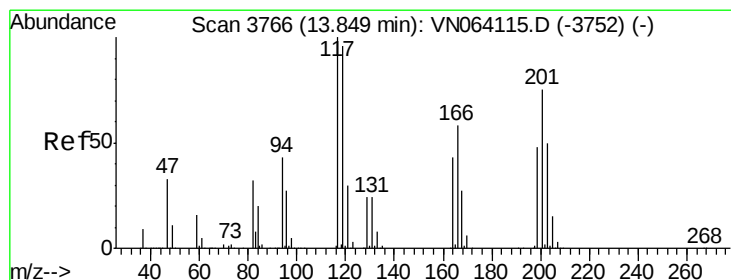
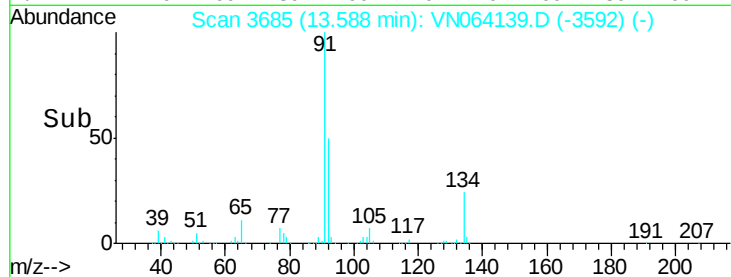
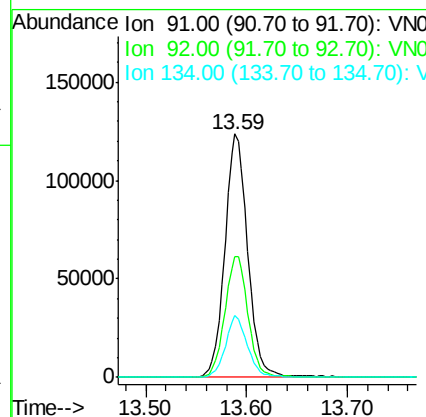
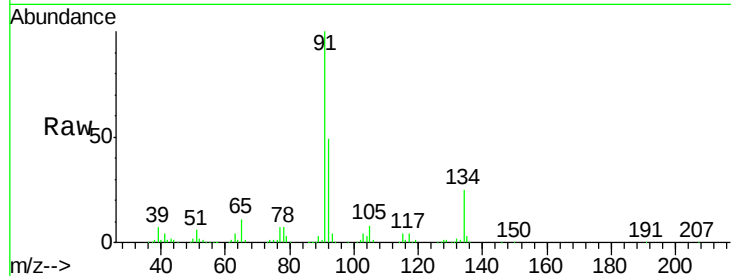
#89
n-Butylbenzene
Concen: 18.202 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	25.6	76.6
134	24.4	12.6	37.8

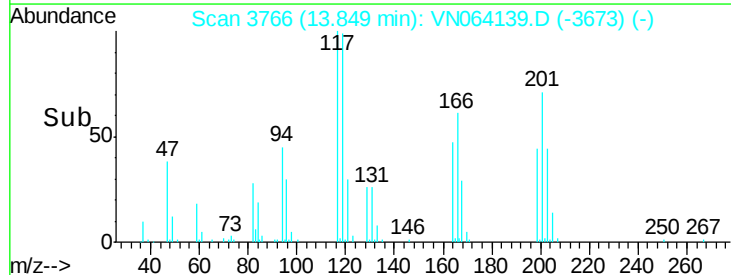
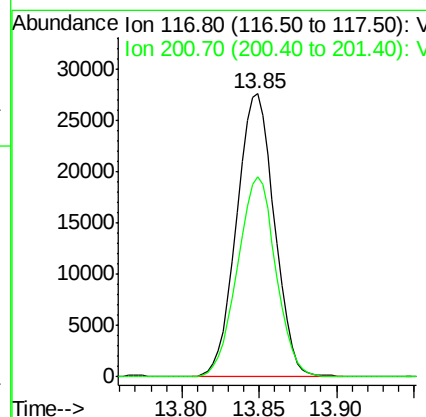
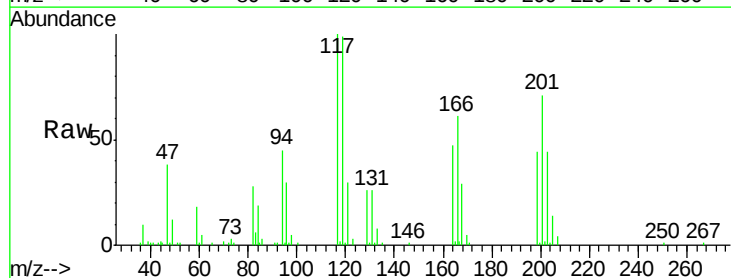
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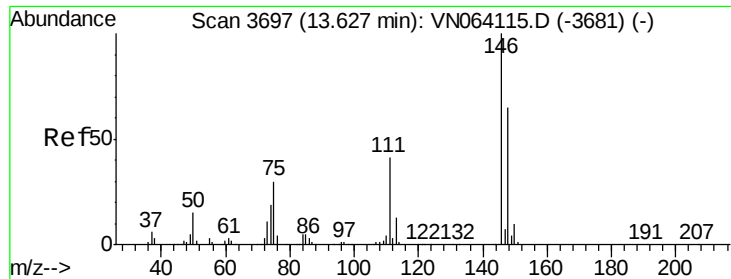
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#90
Hexachloroethane
Concen: 19.064 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.6	37.4	112.2





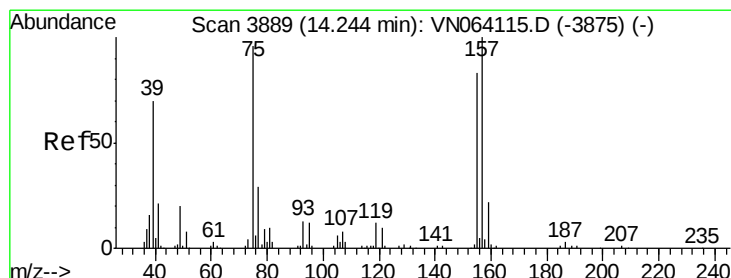
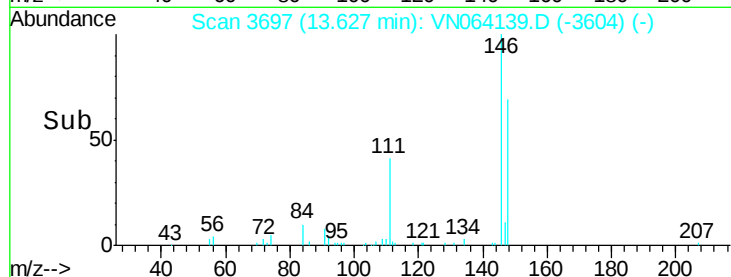
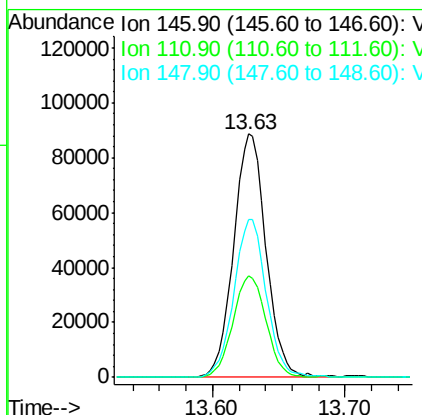
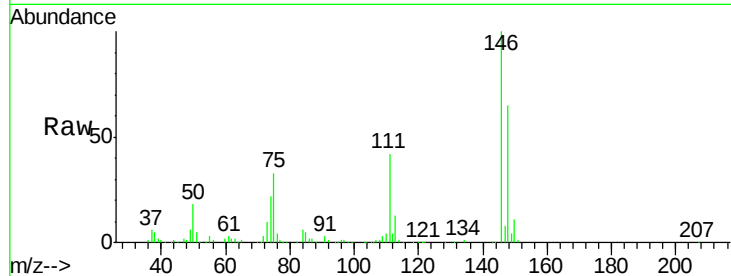
#91
 1,2-Dichlorobenzene
 Concen: 19.244 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	60.8
148	65.2	32.2	96.6

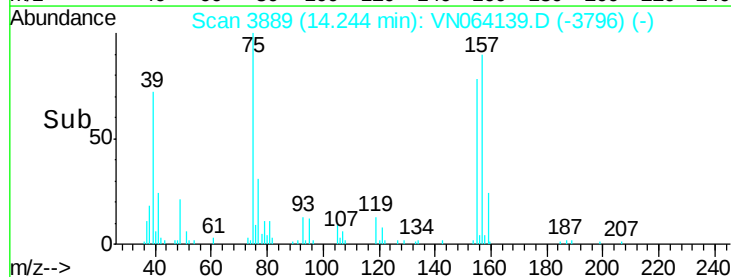
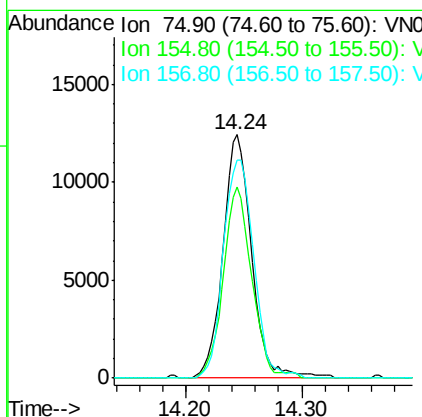
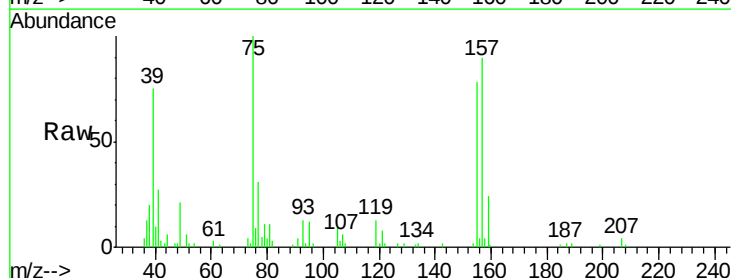
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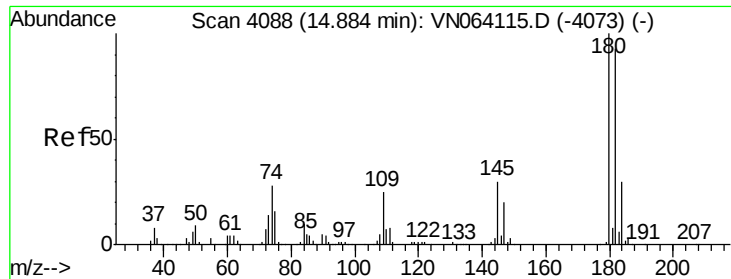
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.497 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	40.8	122.2
157	95.0	53.9	161.7





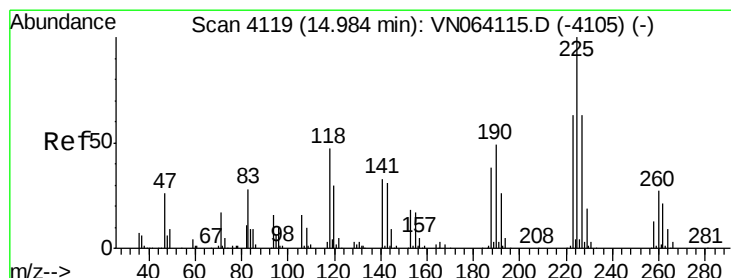
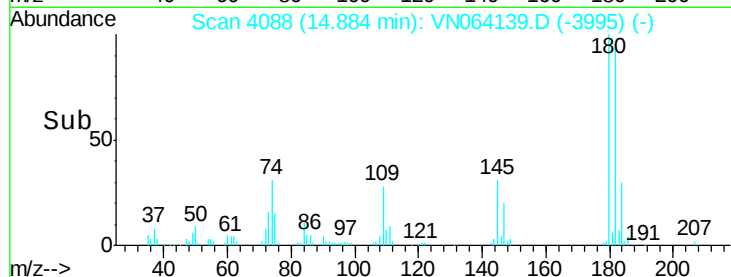
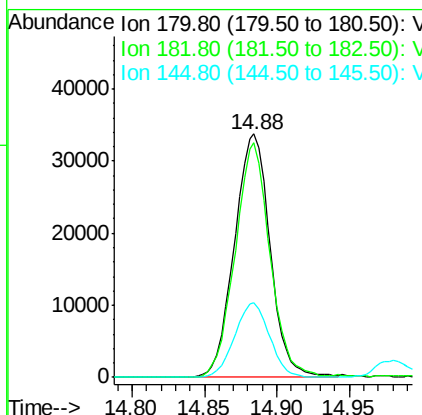
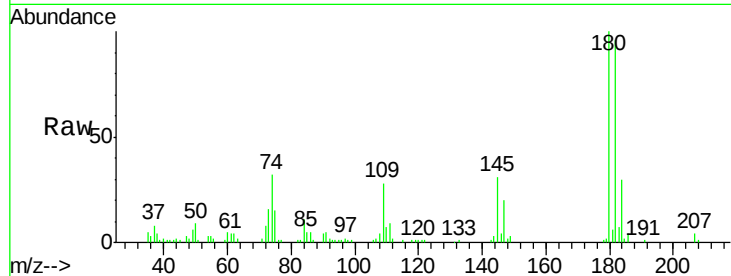
#93
1,2,4-Trichlorobenzene
Concen: 17.296 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	45.8	137.4
145	29.8	15.4	46.1

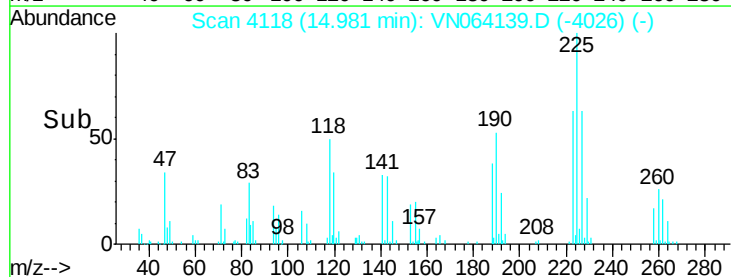
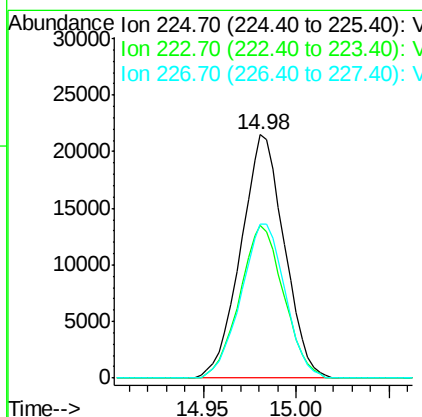
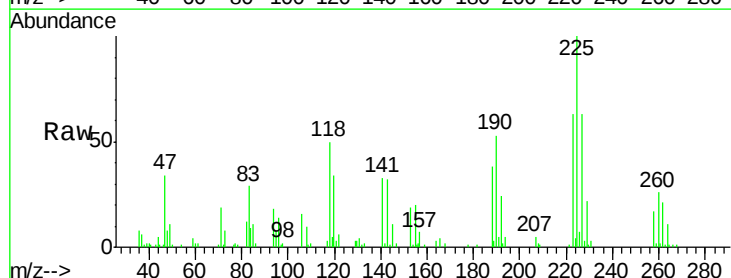
Manual Integrations
APPROVED

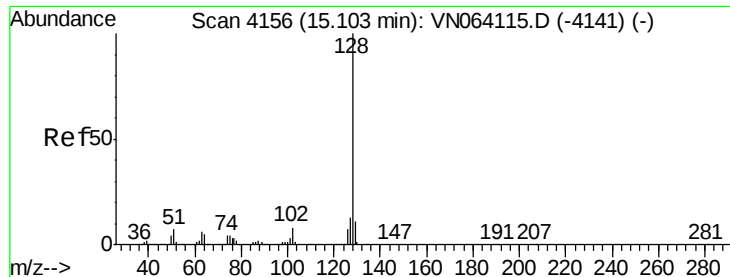
apatel
10/19/2020 11:25:59 AM



#94
Hexachlorobutadiene
Concen: 18.821 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.3	96.9
227	64.3	31.6	94.8





#95

Naphthalene

Concen: 16.491 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

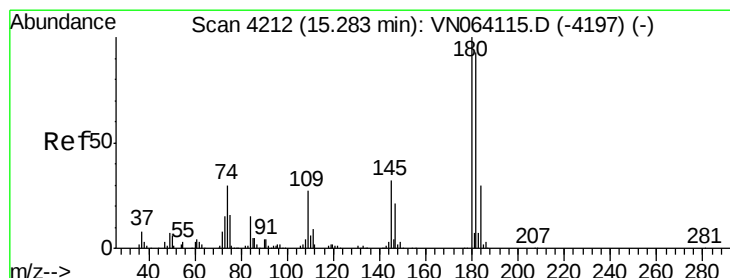
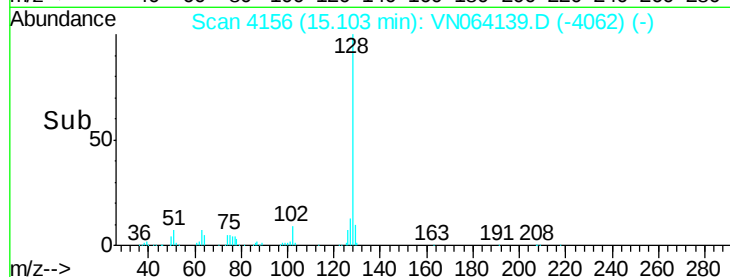
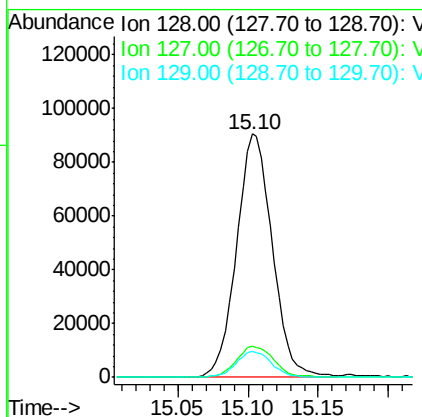
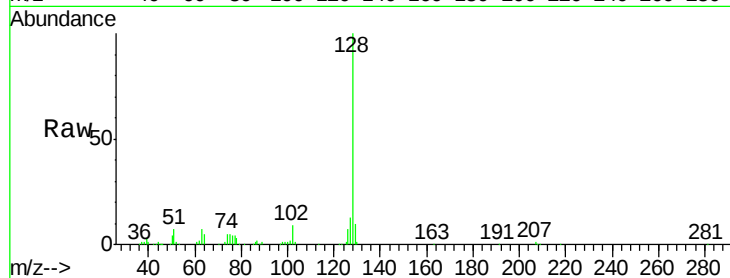
ClientSampleId :

VN1015WBS01

Tot Ion:	128	Resp:	160959
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	10.6	8.5	12.7

Manual Integrations
APPROVED

apatel
10/19/2020 11:25:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.933 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion:	180	Resp:	57172
Ion Ratio	Lower	Upper	
180	100		
182	99.4	46.6	139.8
145	33.5	16.1	48.2

