

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051980.D
 Acq On : 24 Oct 2018 11:47
 Operator : MD\SY
 Sample : VN1024WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1024WBS02

Manual Integrations
 APPROVED

apatel
 10/25/2018 9:23:48 AM

Quant Time: Oct 24 15:06:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	163458	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	923013m	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	847702	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	286939	28.85	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.17%
60) 4-Bromofluorobenzene	12.40	95	368094	30.11	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.37%
63) Toluene-d8	10.09	98	1072606	29.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	135974	21.412	ug/l 99
3) Chloromethane	2.06	50	121463	18.098	ug/l 99
4) Vinyl Chloride	2.19	62	153568	15.322	ug/l 98
5) Bromomethane	2.57	94	160809	18.159	ug/l 87
6) Chloroethane	2.71	64	111352	15.416	ug/l 98
7) Trichlorofluoromethane	3.03	101	287104	20.092	ug/l 94
8) Diethyl Ether	3.41	74	84241	20.251	ug/l 70
9) 1,1,2-Trichlorotrifluoroet	3.77	101	176008	21.629	ug/l # 36
10) 1,1-Dichloroethene	3.74	96	157299	20.901	ug/l 83
11) Methyl Iodide	3.96	142	255975	23.398	ug/l 92
12) Methyl Acetate	4.32	43	95943	20.530	ug/l # 84
13) Acrolein	3.61	56	9247m	30.032	ug/l
14) Acrylonitrile	4.99	53	203080	97.230	ug/l # 60
15) Acetone	3.81	58	50703	98.201	ug/l 95
16) Carbon Disulfide	4.06	76	353788	17.900	ug/l 100
17) Allyl chloride	4.33	41	154552	17.298	ug/l 77
18) Methylene Chloride	4.56	84	176420	20.966	ug/l # 86
19) trans-1,2-Dichloroethene	5.05	96	174376	20.292	ug/l # 78
20) Diisopropyl ether	5.95	45	376590	18.925	ug/l # 85
21) 1,1-Dichloroethane	5.85	63	272547	19.602	ug/l # 98
22) cis-1,2-Dichloroethene	6.83	96	205307	20.341	ug/l # 80
23) tert-Butyl Alcohol	4.78	59	43075	78.306	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	416701	19.218	ug/l # 93
25) Chloroform	7.37	83	336489	20.399	ug/l 96
26) Cyclohexane	7.65	56	220832	18.734	ug/l # 68
29) 1,1-Dichloropropene	7.79	75	231482	19.456	ug/l 93
30) 2-Butanone	6.84	43	228240	91.782	ug/l # 87
31) 2,2-Dichloropropane	6.83	77	248965	17.788	ug/l # 76
32) 1,1,1-Trichloroethane	7.57	97	304787	19.322	ug/l 95
33) Carbon Tetrachloride	7.77	117	268675	18.826	ug/l 93
34) Benzene	8.04	78	697787	19.827	ug/l # 65
35) Methacrylonitrile	7.17	41	50962	15.598	ug/l 77
36) 1,2-Dichloroethane	8.13	62	223502	19.820	ug/l 95
37) Trichloroethene	8.84	130	223461	20.454	ug/l 94
38) Methylcyclohexane	9.08	83	292963	19.198	ug/l 78
39) 1,2-Dichloropropane	9.12	63	164514	19.849	ug/l 94
40) Dibromomethane	9.21	93	127420	20.714	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	241518	19.009	ug/l	94
42) Vinyl Acetate	5.90	43	1265567	90.405	ug/l #	88
43) Ethyl Acetate	6.93	43	92932m	17.211	ug/l	
44) Isopropyl Acetate	8.16	43	196469	18.216	ug/l	92
45) 1,4-Dioxane	9.20	88	30924	357.087	ug/l #	75
46) Methyl methacrylate	9.20	41	94125	18.921	ug/l	73
47) n-amyl Acetate	12.07	43	179962m	19.932	ug/l	
48) t-1,3-Dichloropropene	10.38	75	222152	17.930	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	254128	18.606	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	174538	20.536	ug/l	95
51) Ethyl methacrylate	10.43	69	186196	19.136	ug/l	83
52) 1,3-Dichloropropane	10.71	76	262773	20.033	ug/l	98
53) Dibromochloromethane	10.90	129	195693	18.612	ug/l	94
54) 1,2-Dibromoethane	11.00	107	181240	20.316	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	488382	117.410	ug/l #	91
56) Bromoform	12.13	173	116460	16.795	ug/l	96
58) 4-Methyl-2-Pentanone	9.99	43	536610	94.594	ug/l #	86
59) 2-Hexanone	10.75	43	364513	95.246	ug/l #	89
61) Tetrachloroethene	10.63	164	208521	19.235	ug/l	95
62) Toluene	10.16	91	842891	20.015	ug/l	97
64) Chlorobenzene	11.43	112	572289	20.750	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	203478	19.221	ug/l	99
66) Ethyl Benzene	11.51	91	928878	19.958	ug/l	99
67) m/p-Xylenes	11.62	106	749728	39.732	ug/l	96
68) o-Xylene	11.95	106	373769	20.093	ug/l	85
69) Styrene	11.96	104	590142	20.677	ug/l	95
70) Isopropylbenzene	12.25	105	993336	20.025	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	196413	20.050	ug/l	94
72) 1,2,3-Trichloropropane	12.55	75	161214m	20.919	ug/l	
73) Bromobenzene	12.53	156	266619	21.699	ug/l	79
74) n-propylbenzene	12.59	91	1082100	20.280	ug/l	94
75) 2-Chlorotoluene	12.67	91	624423	19.961	ug/l	90
76) 1,3,5-Trimethylbenzene	12.73	105	817947	19.940	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	39904	15.656	ug/l	97
78) 4-Chlorotoluene	12.77	91	647936	21.081	ug/l	90
79) tert-butylbenzene	12.99	119	763256	20.233	ug/l	92
80) 1,2,4-Trimethylbenzene	13.04	105	828355	20.205	ug/l	96
81) sec-Butylbenzene	13.17	105	1006948	20.405	ug/l	96
82) p-Isopropyltoluene	13.29	119	910190	20.611	ug/l	96
83) 1,3-Dichlorobenzene	13.28	146	483425	22.297	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	476997	23.370	ug/l	98
85) n-Butylbenzene	13.62	91	715846	21.497	ug/l	95
86) Hexachloroethane	13.87	117	128633	16.894	ug/l	94
87) 1,2-Dichlorobenzene	13.65	146	469490	22.367	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.27	75	26589	18.175	ug/l #	68
89) 1,2,4-Trichlorobenzene	14.91	180	244870	25.403	ug/l	97
90) Hexachlorobutadiene	15.01	225	137826	20.376	ug/l	96
91) Naphthalene	15.13	128	473838	25.038	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	213691	22.377	ug/l	93

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ClientSampleId :
VN1024WBS02

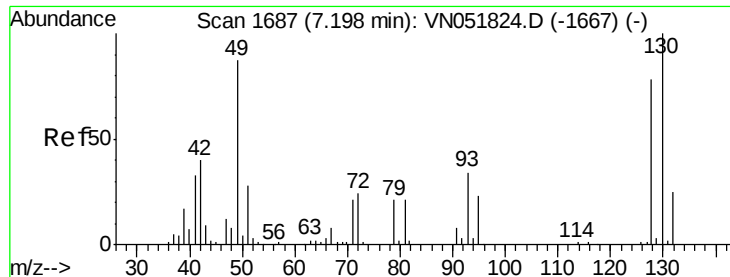
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



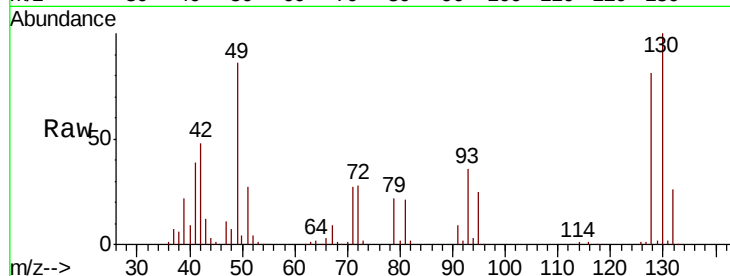
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
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VN1024WBS02

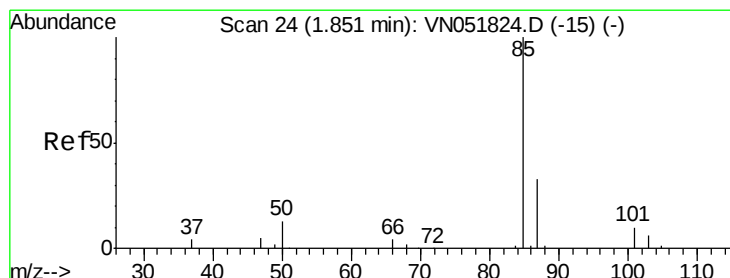
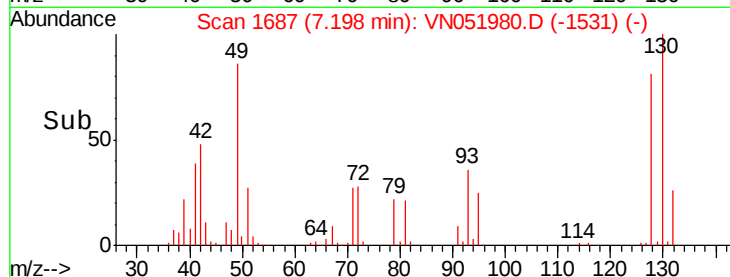
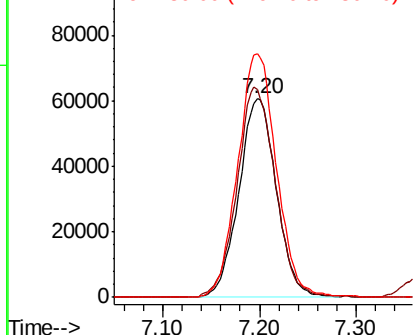
Tot Ion	Ratio	Lower	Upper
128	100		
49	108.0	0.0	403.3
130	126.2	0.0	326.0

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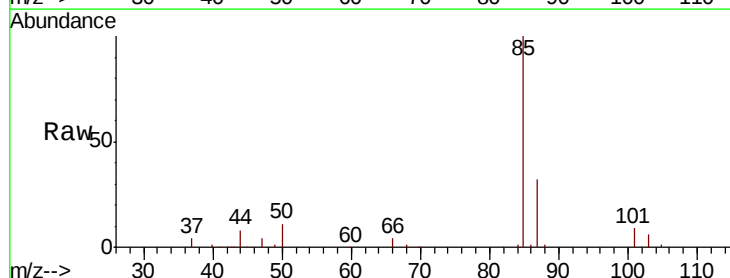


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

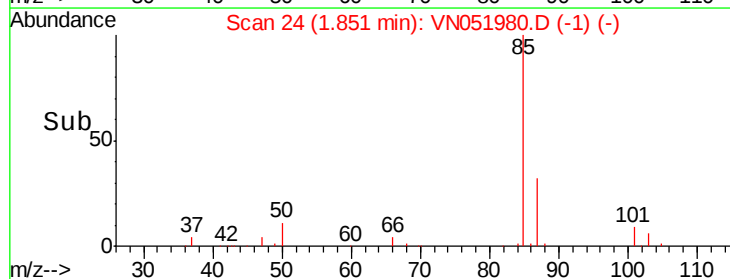
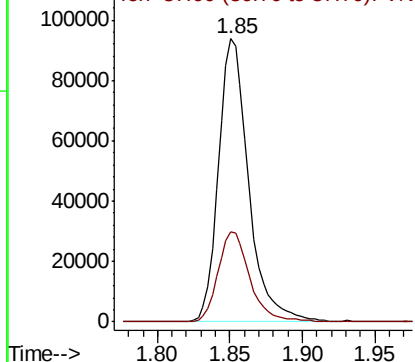


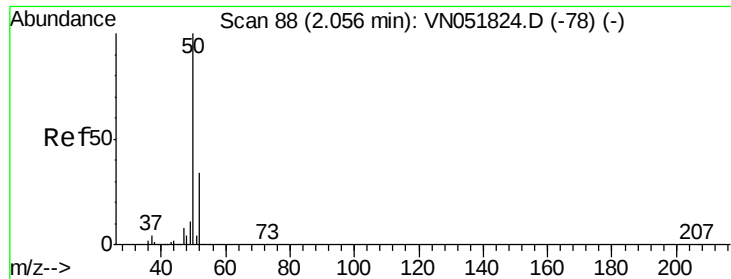
#2
Dichlorodifluoromethane
Concen: 21.412 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.3	48.8



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 18.098 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion: 50 Resp: 121463

Ion Ratio Lower Upper

50 100

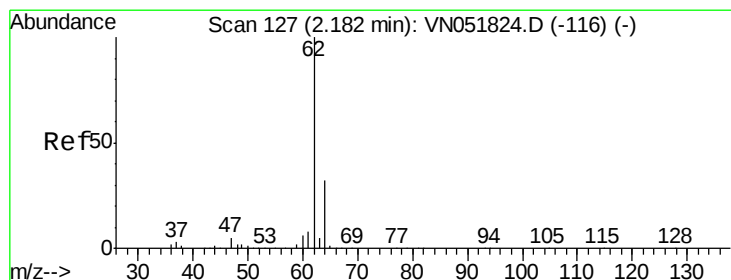
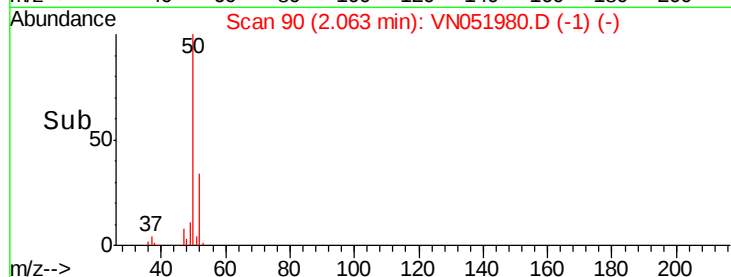
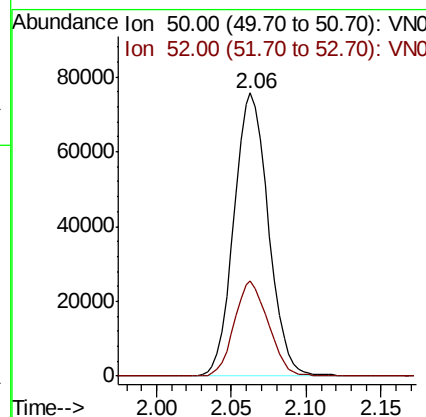
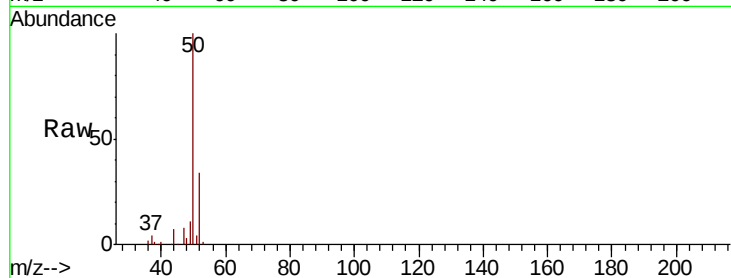
52 33.5 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.322 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.01 min

Lab File: VN051980.D

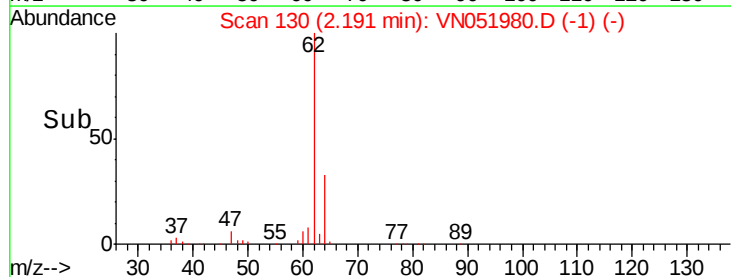
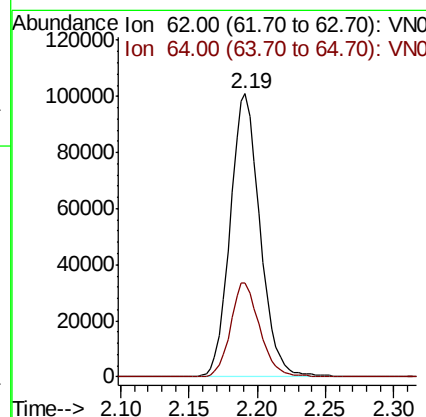
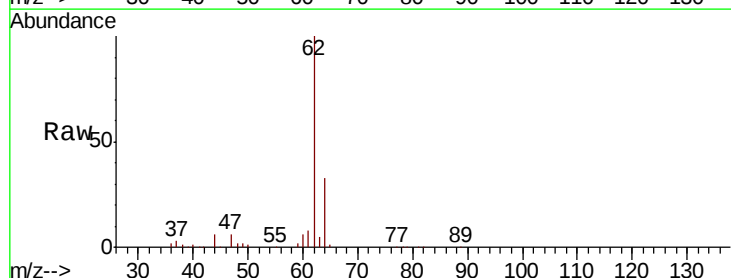
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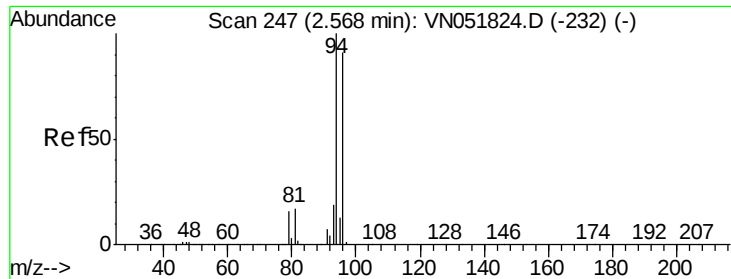
Tgt Ion: 62 Resp: 153568

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2





#5

Bromomethane

Concen: 18.159 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

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ClientSampleId :

VN1024WBS02

Tot Ion: 94 Resp: 160809

Ion Ratio Lower Upper

94 100

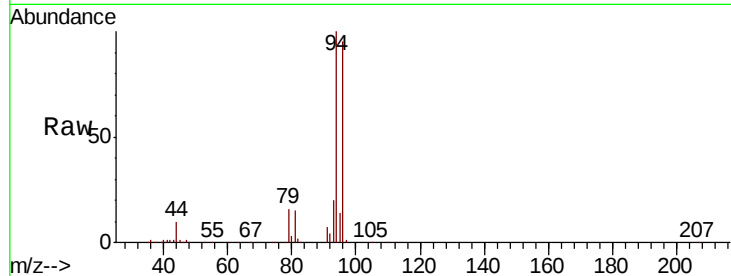
96 94.7 66.4 99.6

Manual Integrations

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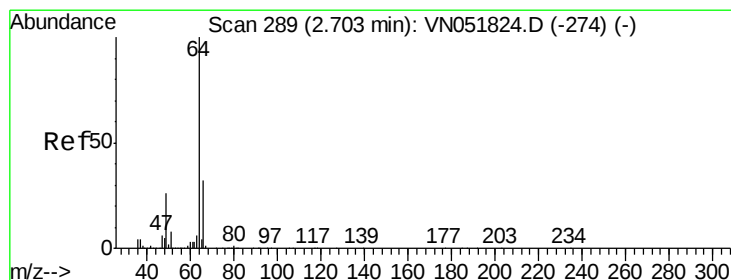
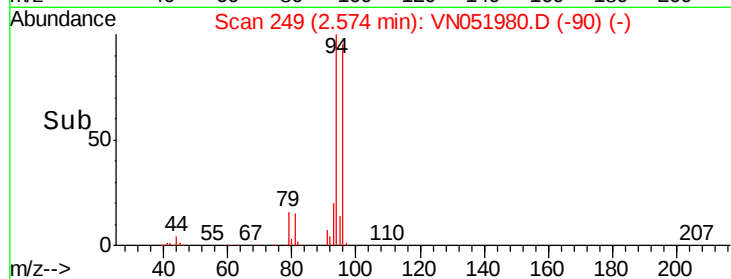
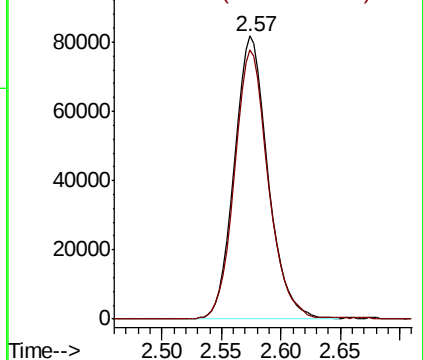
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 15.416 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN051980.D

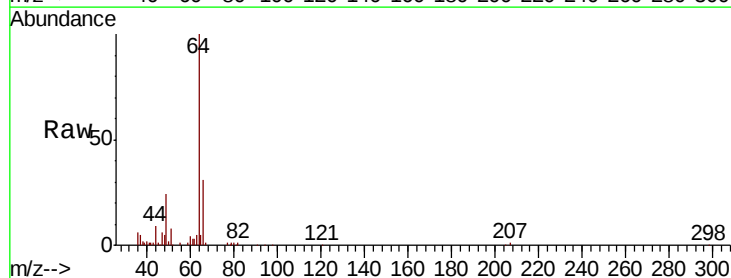
Acq: 24 Oct 2018 11:47

Tgt Ion: 64 Resp: 111352

Ion Ratio Lower Upper

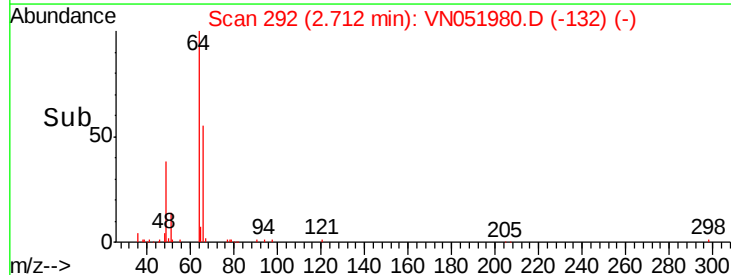
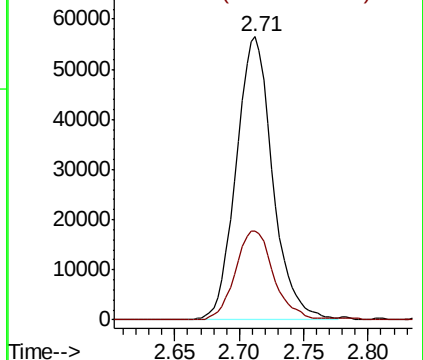
64 100

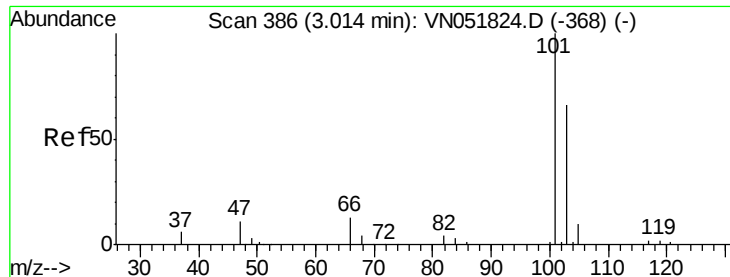
66 31.0 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

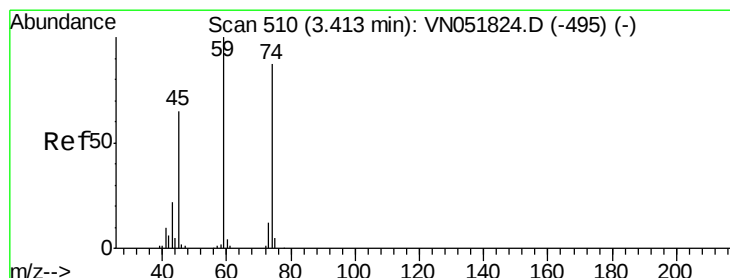
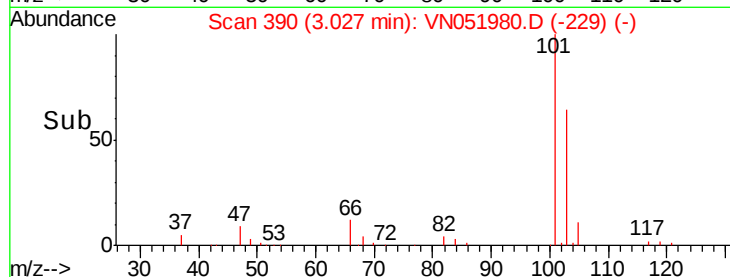
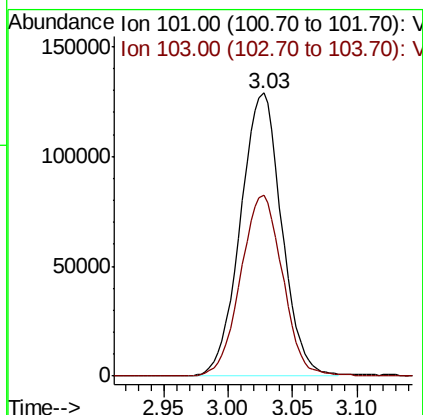
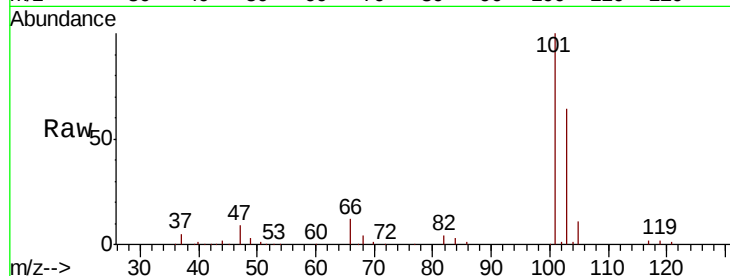
Trichlorofluoromethane
 Concen: 20.092 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.02 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	54.8	82.2

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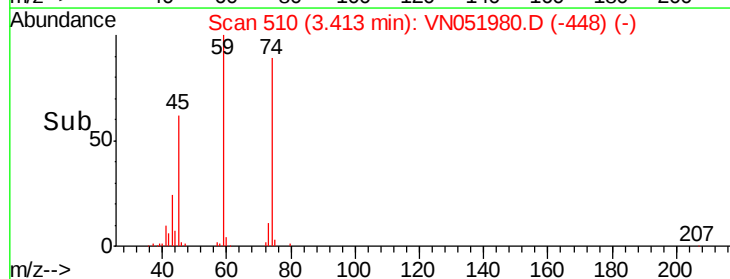
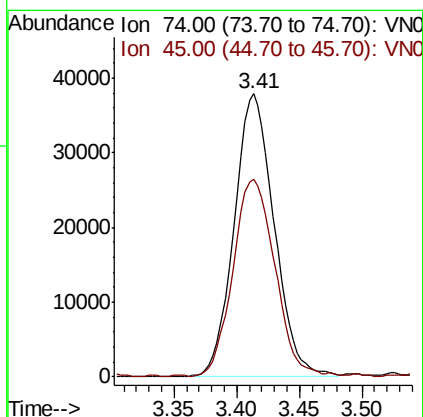
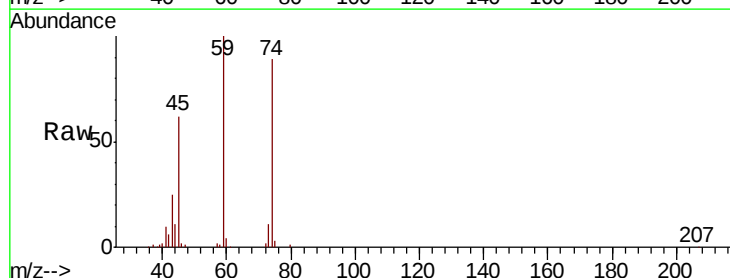
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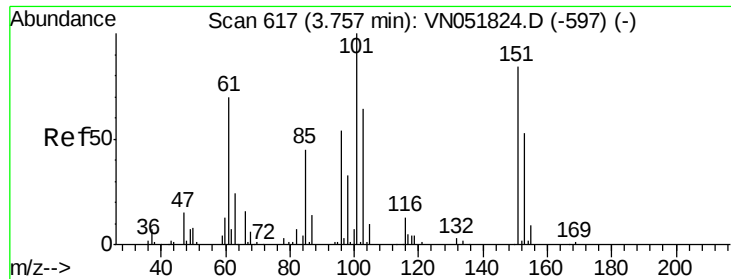


#8

Diethyl Ether
 Concen: 20.251 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.2	20.7	186.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.629 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.01 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

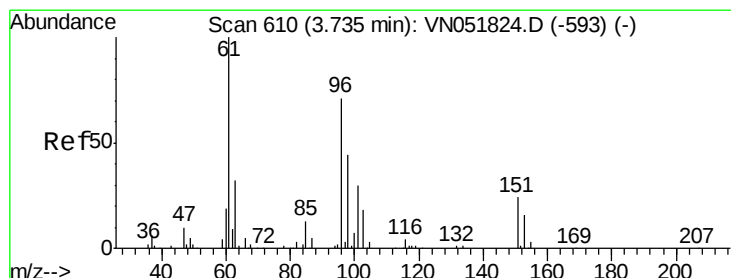
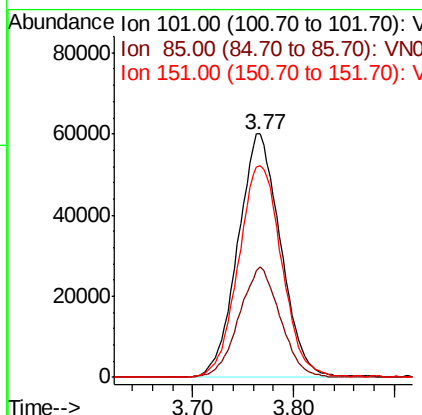
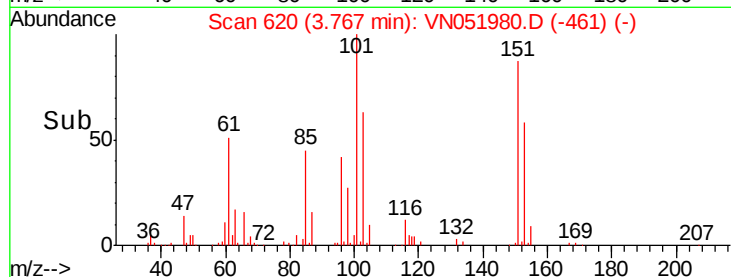
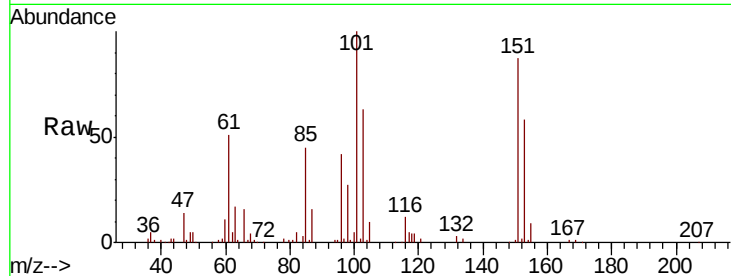
ClientSampleId :

VN1024WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	176008		
85	43.6	0.0	46.0	
151	88.5	0.0	82.2#	

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#10

1,1-Dichloroethene

Concen: 20.901 ug/l

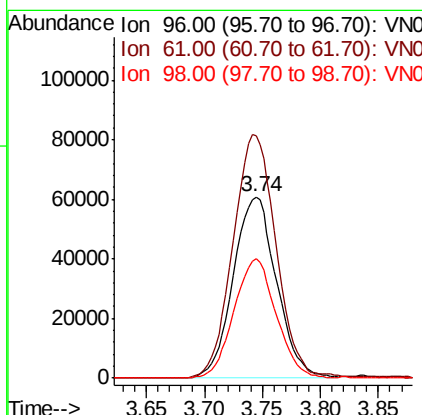
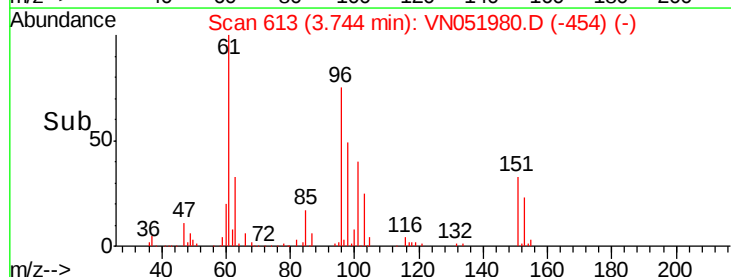
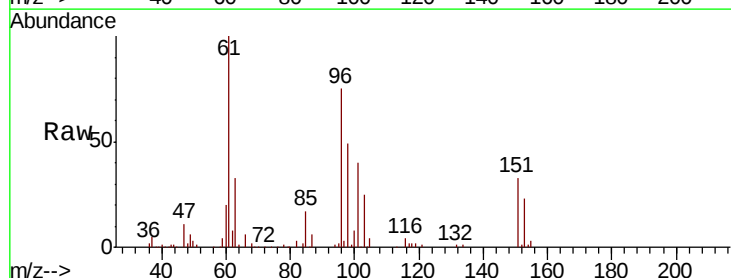
RT: 3.74 min Scan# 613

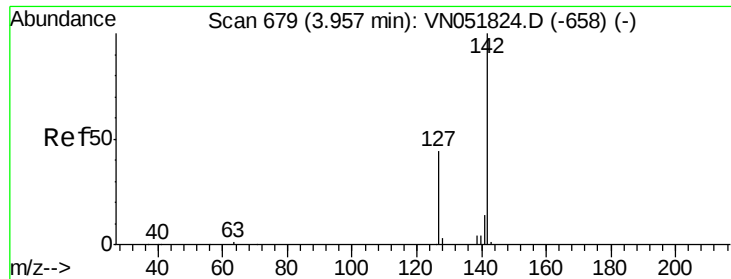
Delta R.T. 0.01 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	157299		
61	133.5	133.0	199.6	
98	65.6	52.6	78.8	





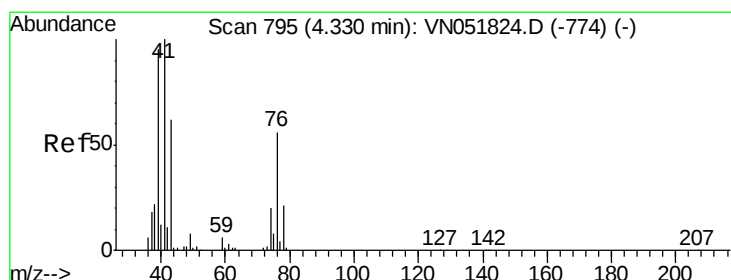
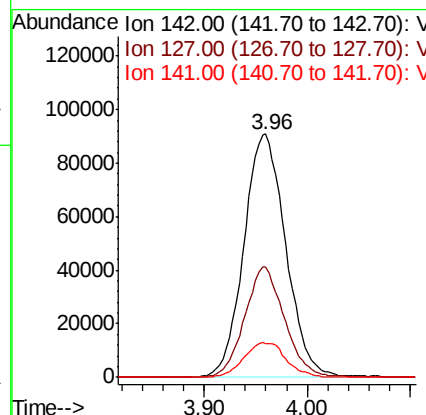
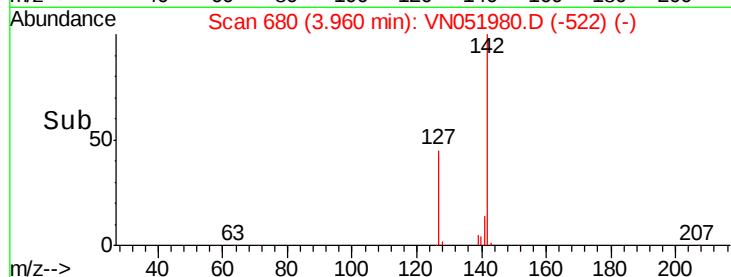
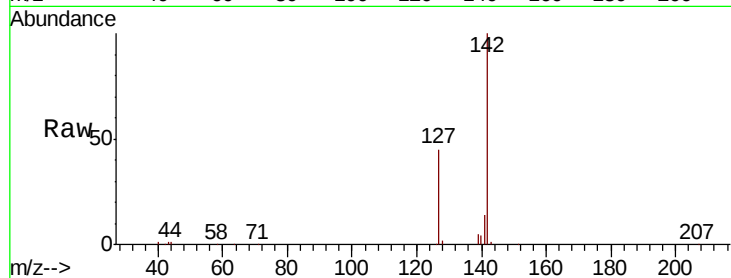
#11
Methvl Iodide
Concen: 23.398 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.01 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.1	19.7	59.0
141	13.9	6.3	18.9

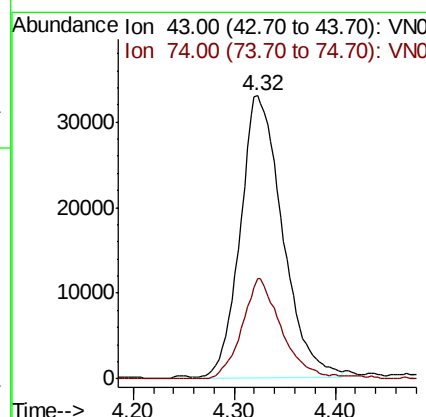
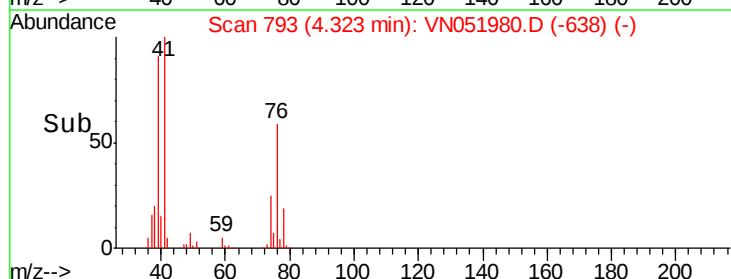
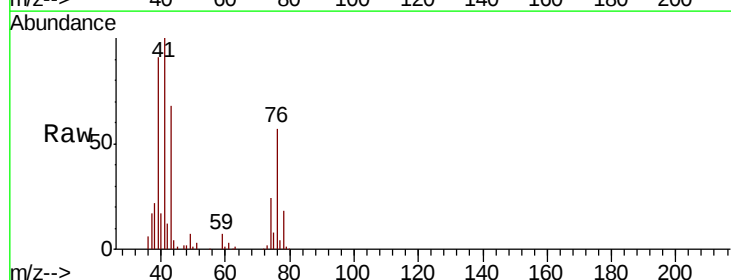
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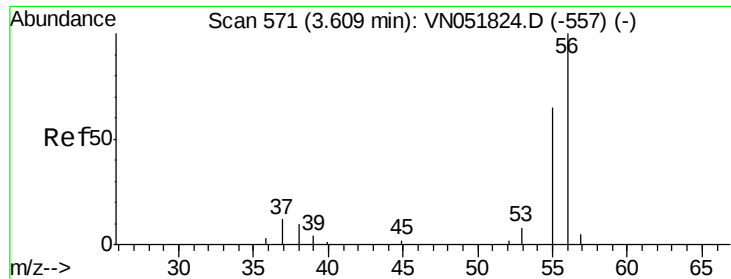
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#12
Methyl Acetate
Concen: 20.530 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	35.5	21.8	32.6#





#13

Acrolein

Concen: 30.032 ug/l m

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion: 56 Resp: 9247

Ion Ratio Lower Upper

56 100

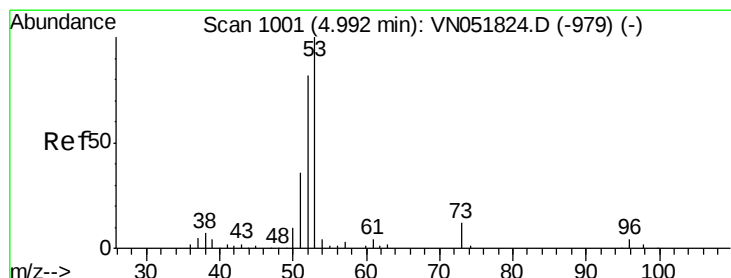
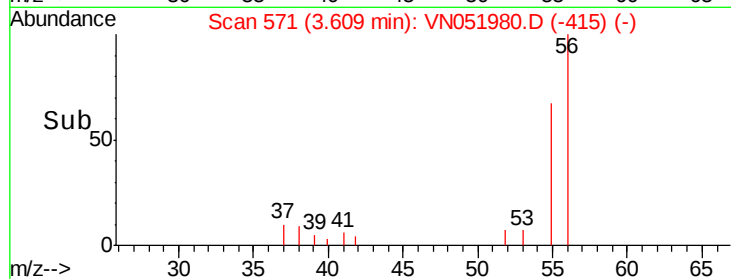
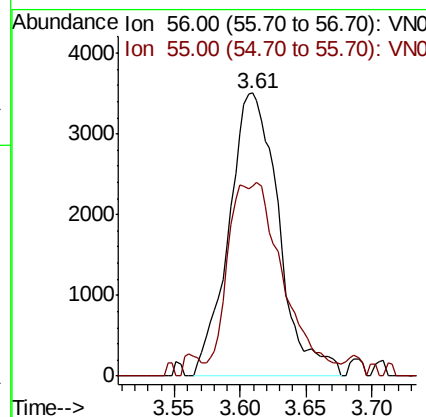
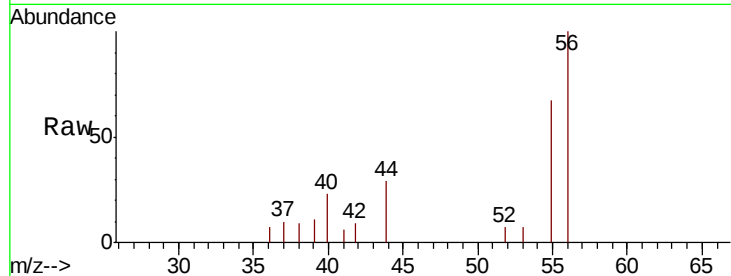
55 1.0 64.0 96.0#

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#14

Acrylonitrile

Concen: 97.230 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.01 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

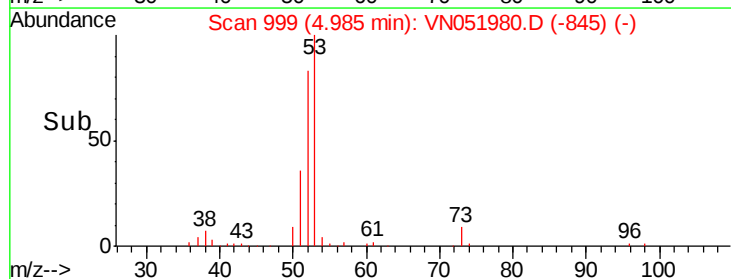
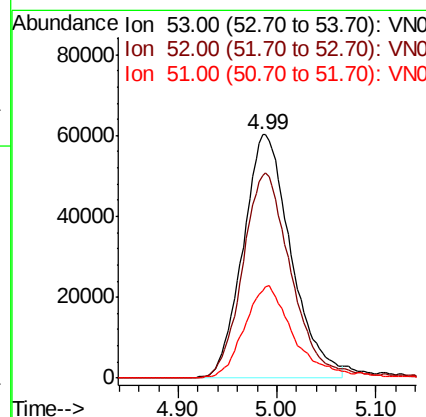
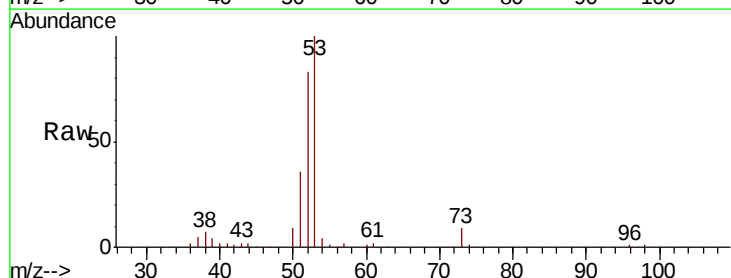
Tgt Ion: 53 Resp: 203080

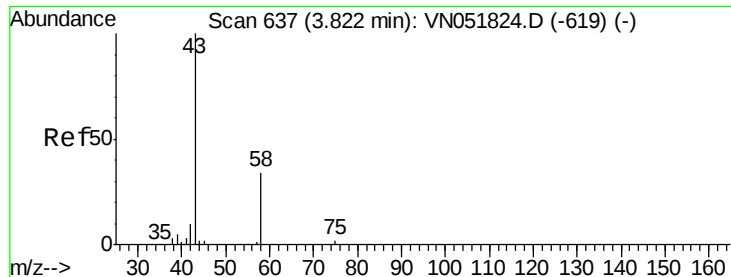
Ion Ratio Lower Upper

53 100

52 84.5 18.3 54.8#

51 38.4 19.7 59.1





#15

Acetone

Concen: 98.201 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.01 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion: 58 Resp: 50703

Ion Ratio Lower Upper

58 100

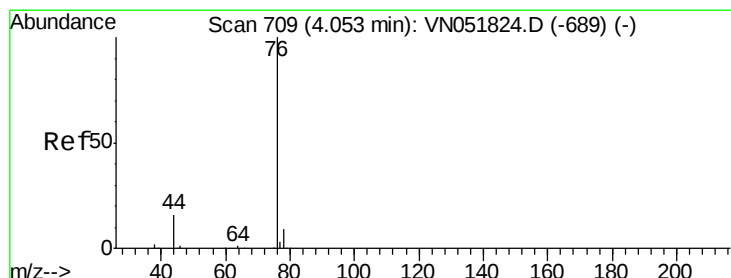
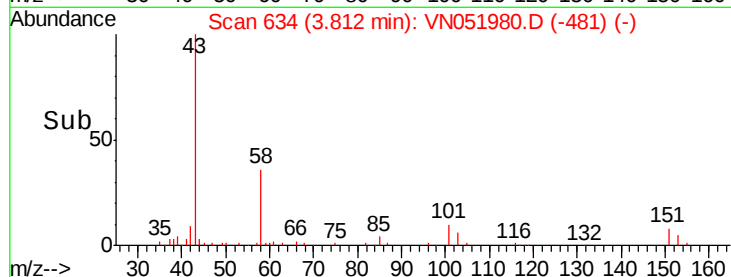
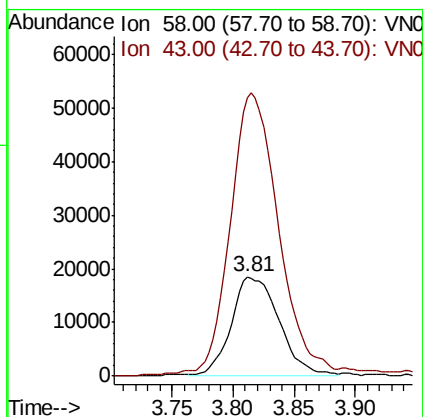
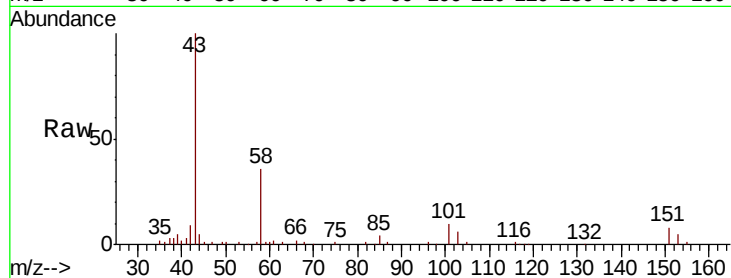
43 280.3 232.2 348.2

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#16

Carbon Disulfide

Concen: 17.900 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.01 min

Lab File: VN051980.D

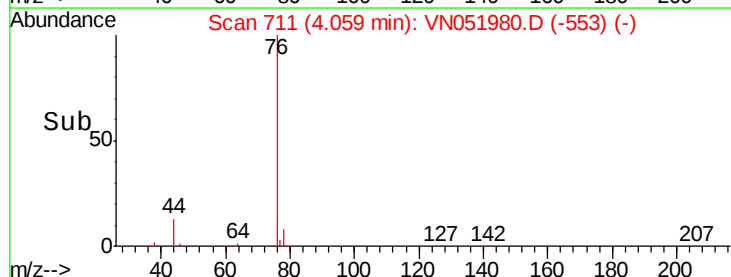
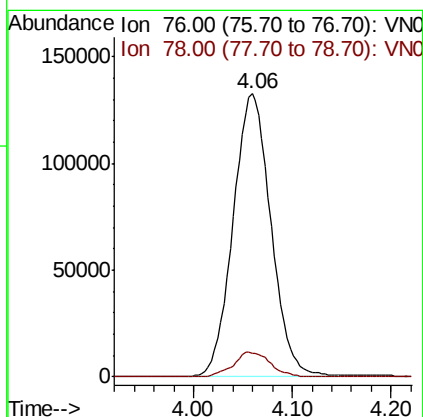
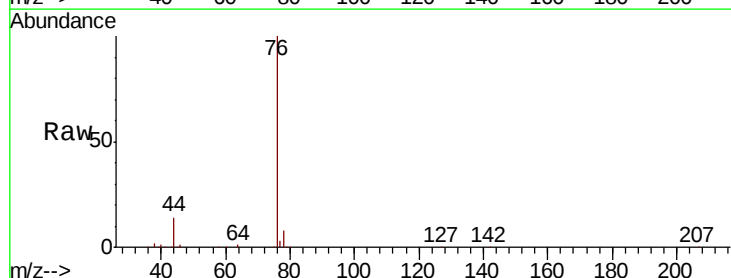
Acq: 24 Oct 2018 11:47

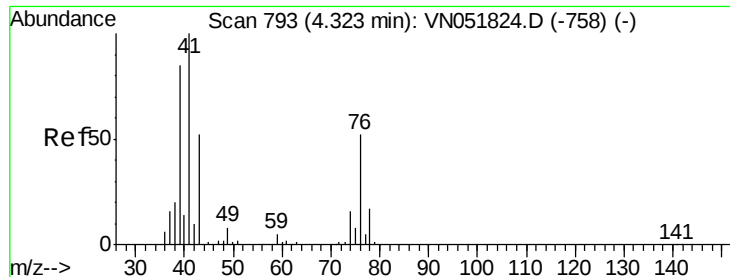
Tgt Ion: 76 Resp: 353788

Ion Ratio Lower Upper

76 100

78 8.4 6.7 10.1





#17

Allvl chloride

Concen: 17.298 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

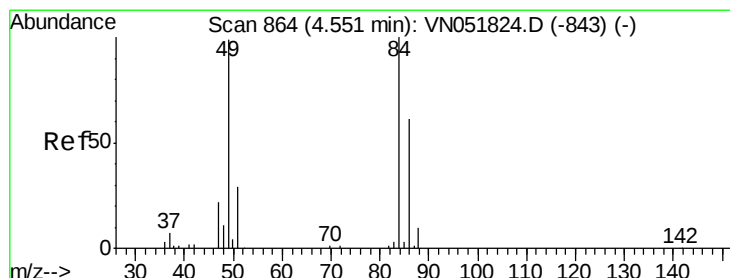
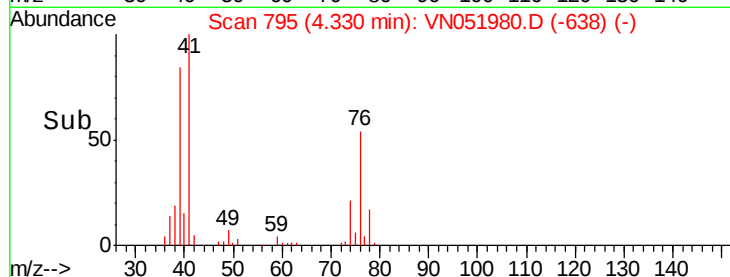
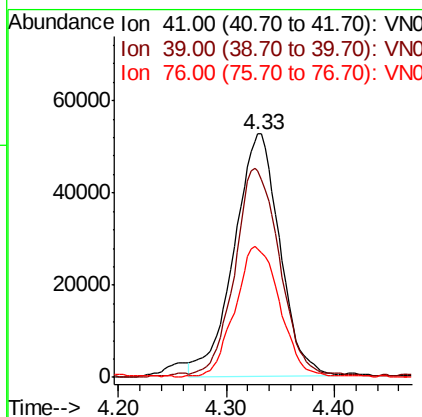
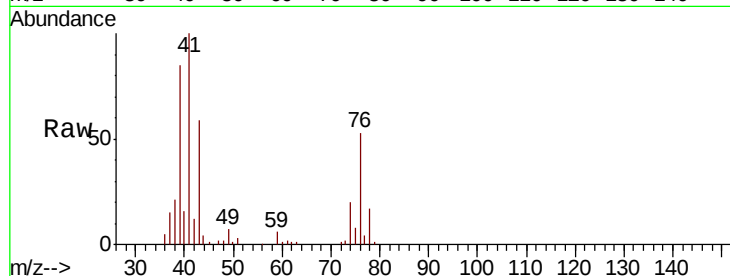
ClientSampled :

VN1024WBS02

Tot Ion:	41	Resp:	154552
Ion	Ratio	Lower	Upper
41	100		
39	84.4	32.6	97.8
76	52.9	20.2	60.5

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#18

Methylene Chloride

Concen: 20.966 ug/l

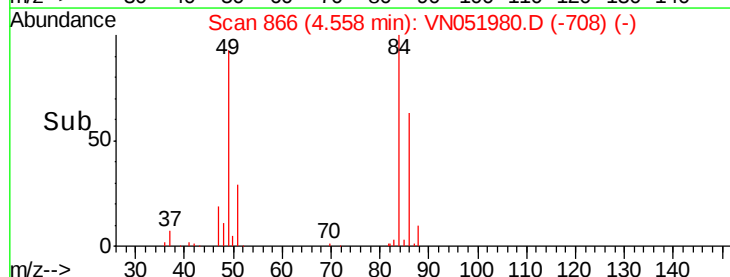
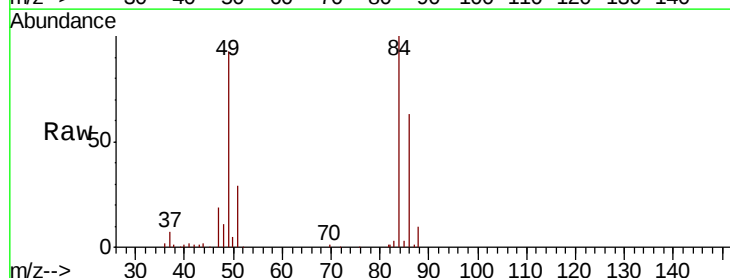
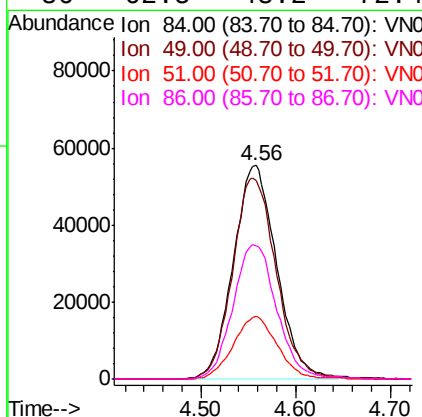
RT: 4.56 min Scan# 866

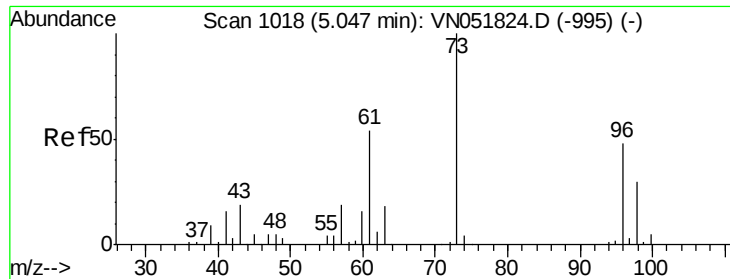
Delta R.T. 0.01 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Tgt Ion:	84	Resp:	176420
Ion	Ratio	Lower	Upper
84	100		
49	92.3	91.6	137.4
51	29.4	29.8	44.6#
86	62.5	48.2	72.4





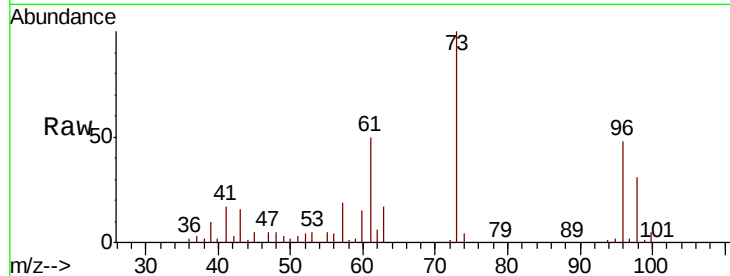
#19
trans-1,2-Dichloroethene
Concen: 20.292 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	105.5	112.3	168.5#
98	64.4	47.1	70.7

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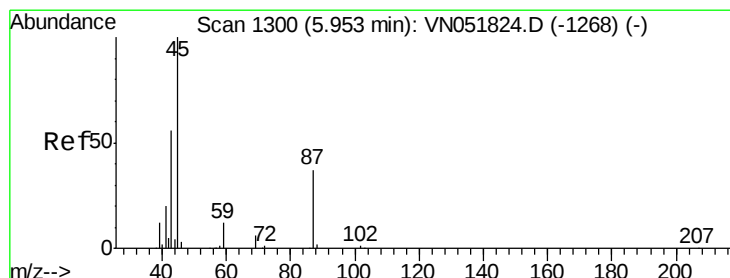
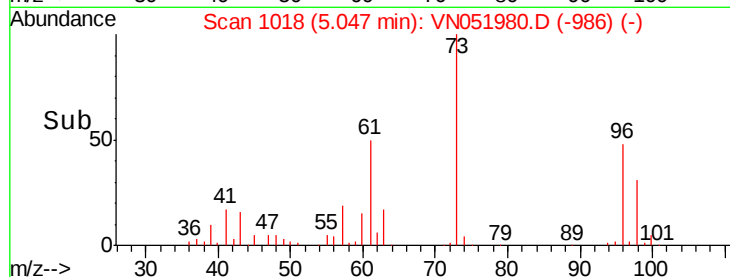
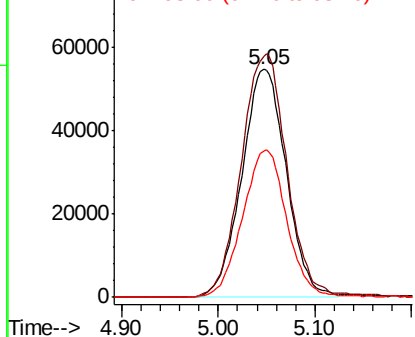


Abundance

Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



#20
Diisopropyl ether
Concen: 18.925 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.5	62.1	93.1
87	40.3	19.9	29.9#
59	12.4	9.8	14.6

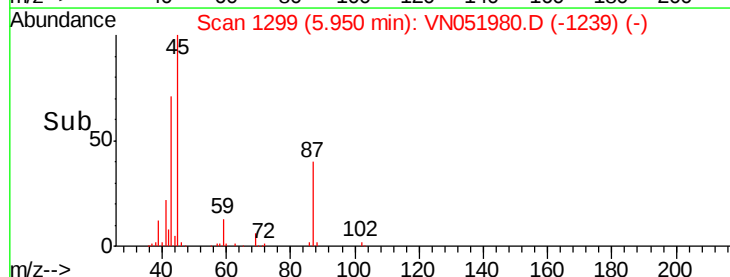
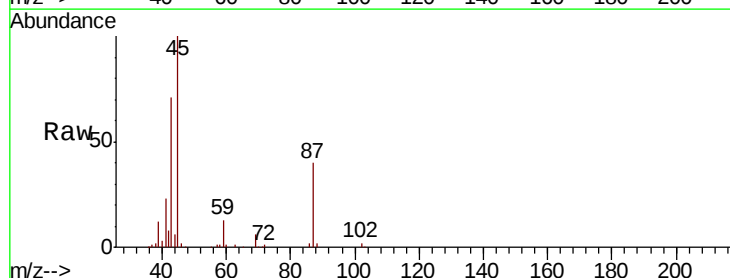
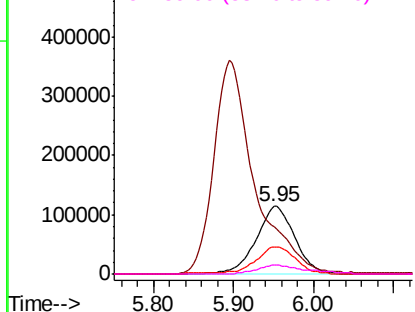
Abundance

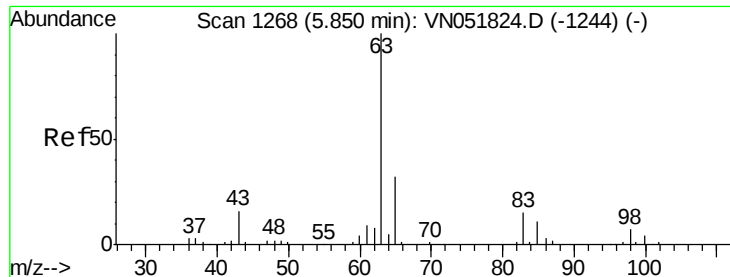
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#21

1,1-Dichloroethane

Concen: 19.602 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

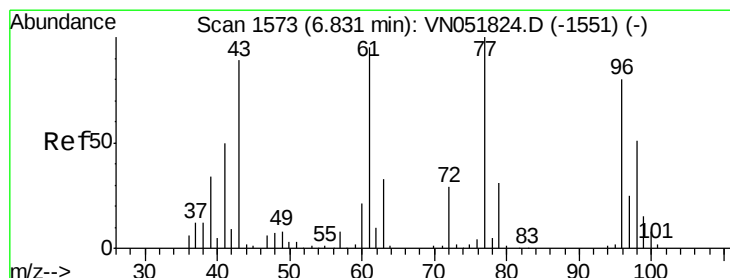
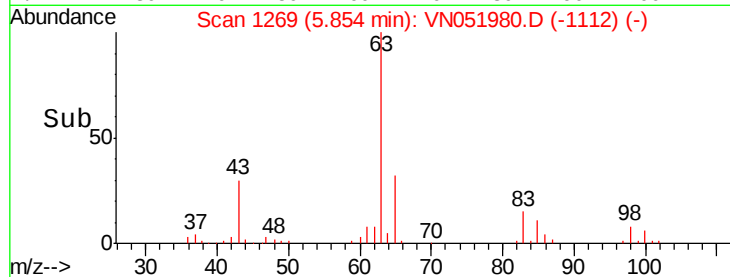
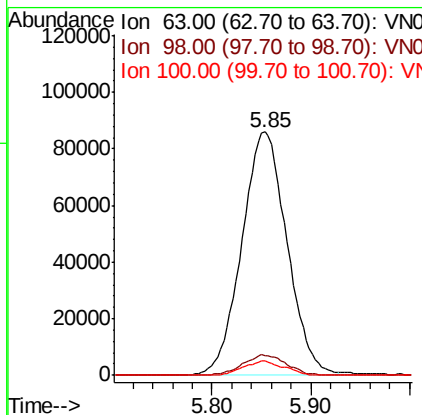
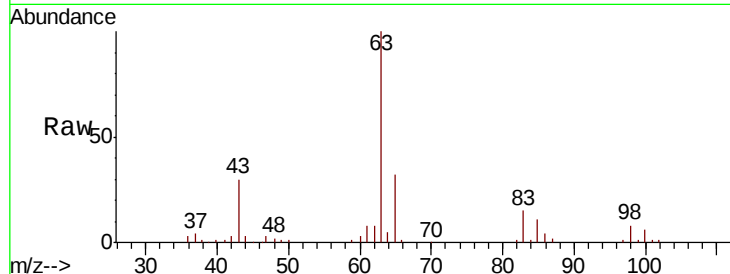
ClientSampleId :

VN1024WBS02

Tot Ion:	63	Resp:	272547
Ion Ratio	Lower	Upper	
63	100		
98	8.2	4.1	12.3
100	6.0	1.6	4.7#

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#22

cis-1,2-Dichloroethene

Concen: 20.341 ug/l

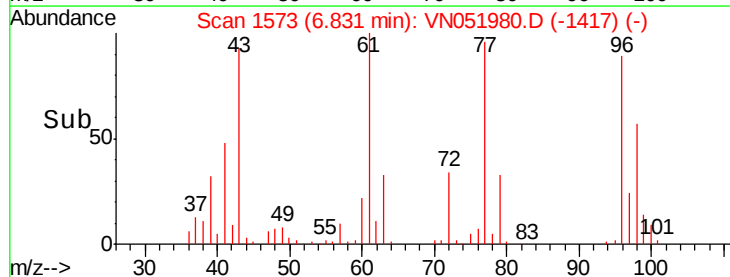
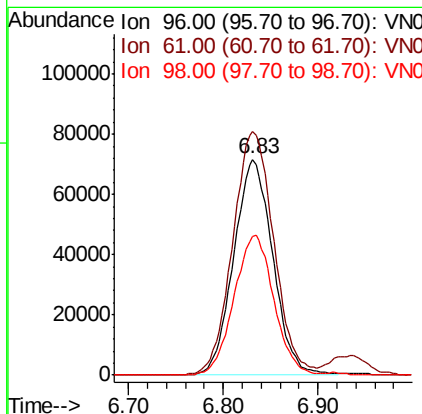
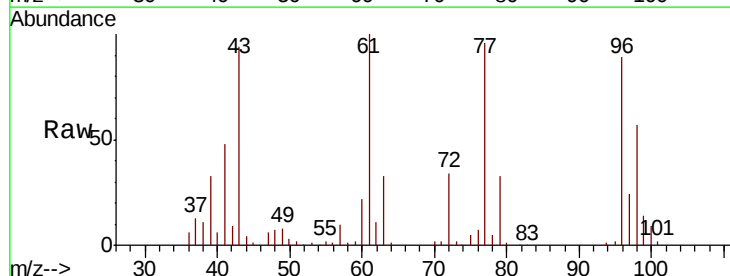
RT: 6.83 min Scan# 1573

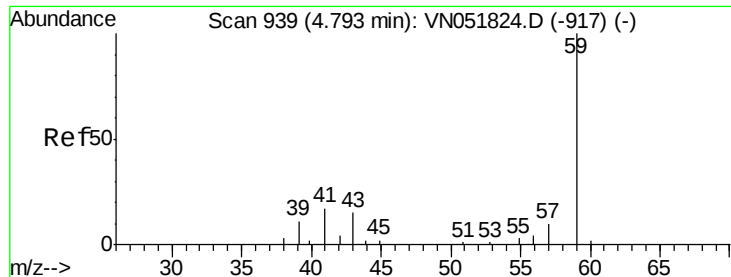
Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Tgt Ion:	96	Resp:	205307
Ion Ratio	Lower	Upper	
96	100		
61	118.7	124.5	186.7#
98	66.1	51.9	77.9





#23

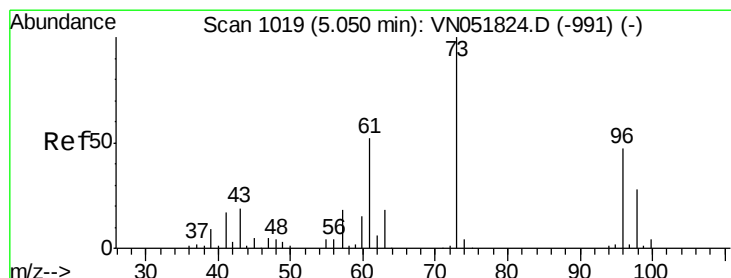
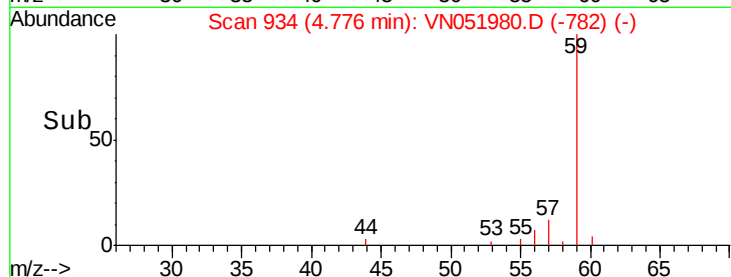
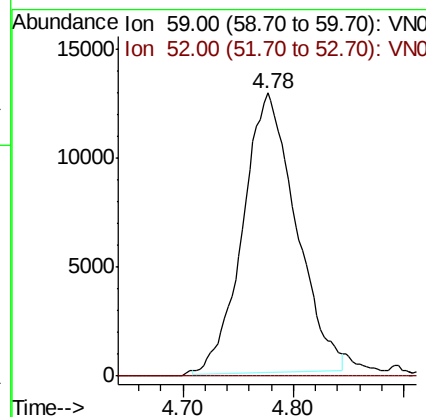
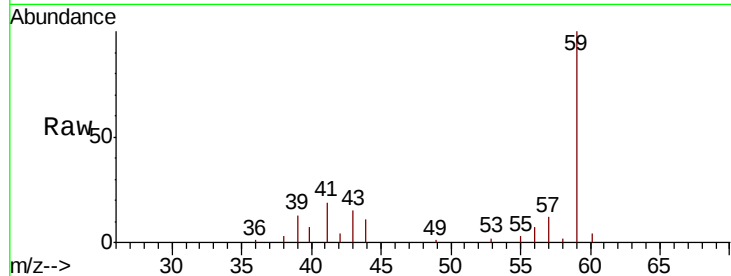
tert-Butyl Alcohol
Concen: 78.306 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

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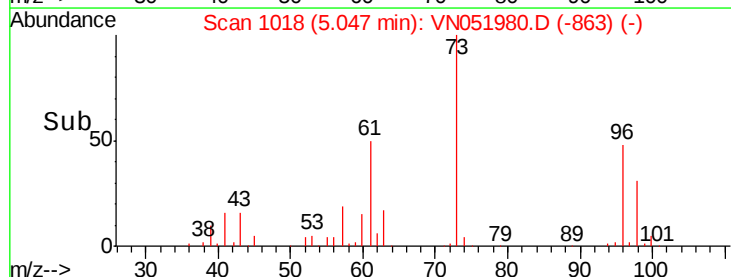
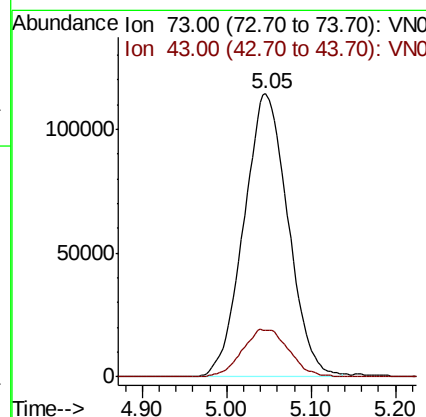
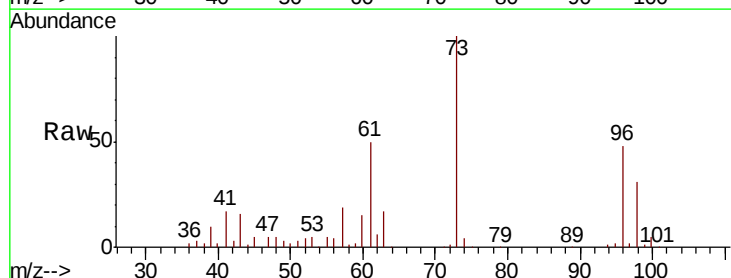
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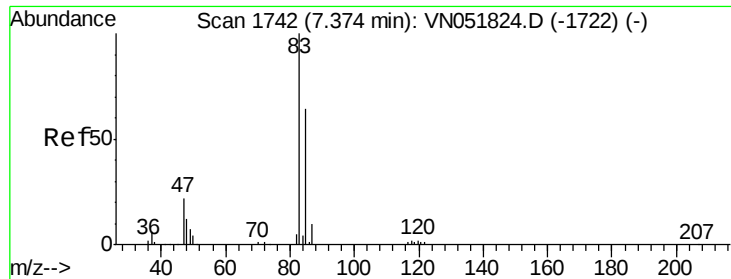


#24

Methyl tert-Butyl Ether
Concen: 19.218 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	9.0	5.4	8.0#





#25

Chloroform

Concen: 20.399 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion: 83 Resp: 336489

Ion Ratio Lower Upper

83 100

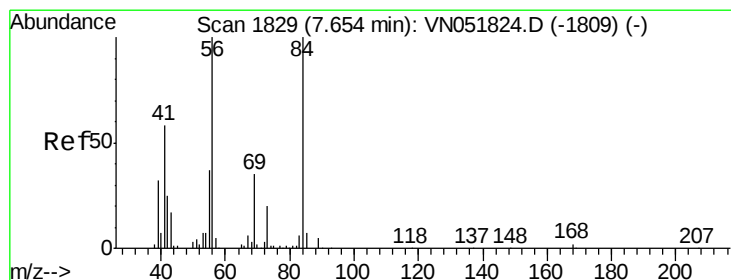
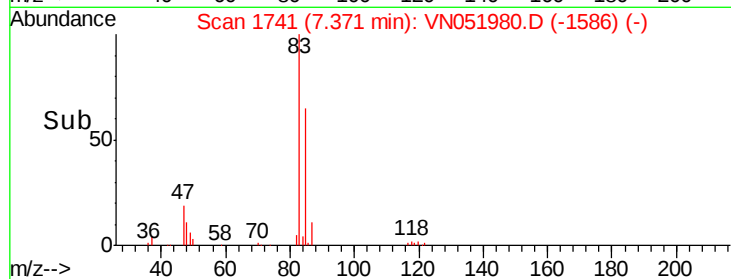
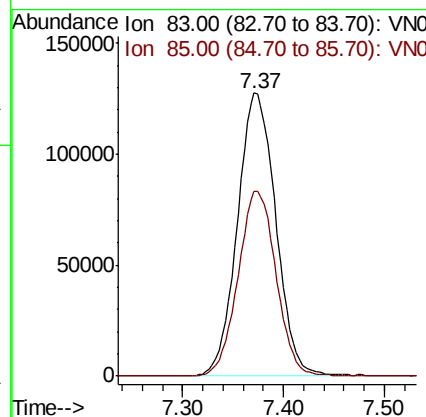
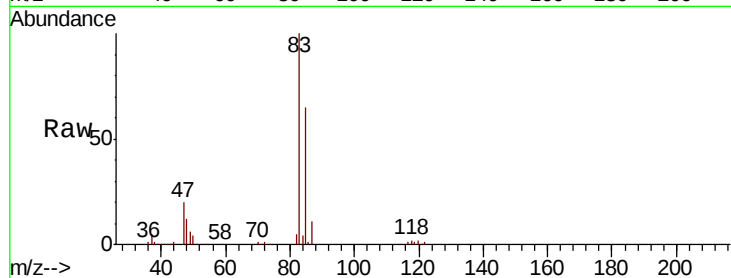
85 65.4 54.6 82.0

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#26

Cyclohexane

Concen: 18.734 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

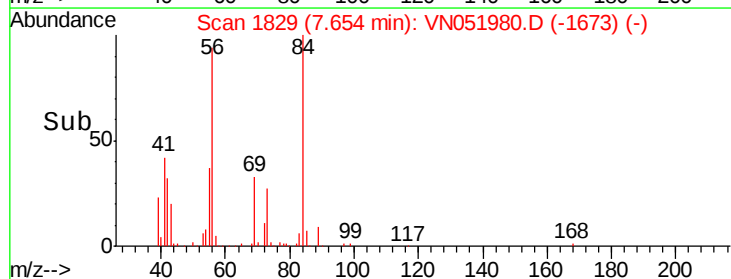
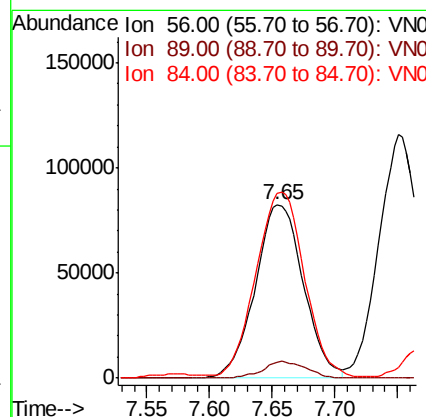
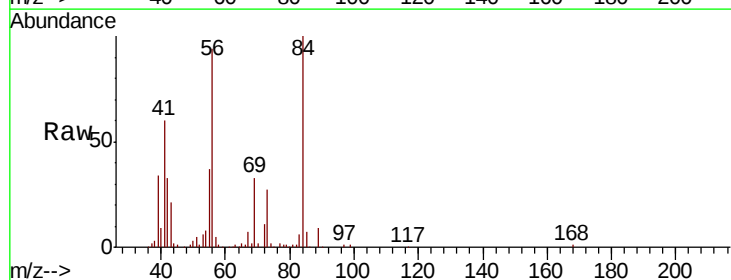
Tgt Ion: 56 Resp: 220832

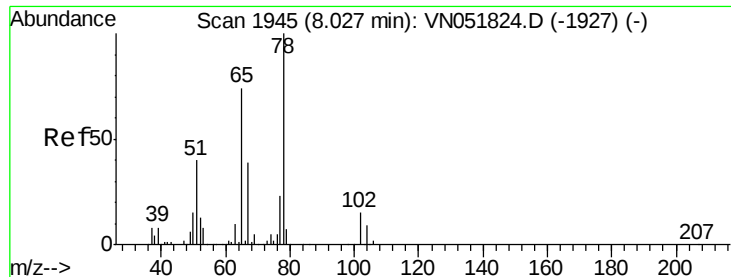
Ion Ratio Lower Upper

56 100

89 8.8 1.5 2.3#

84 108.8 64.2 96.4#





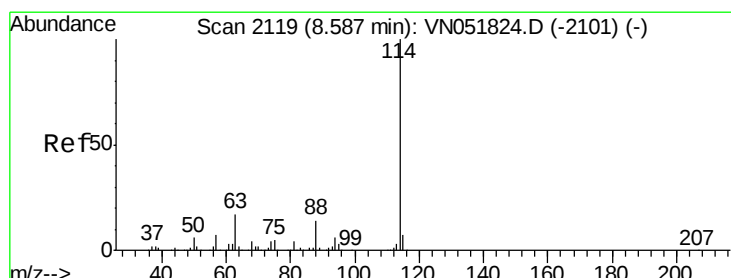
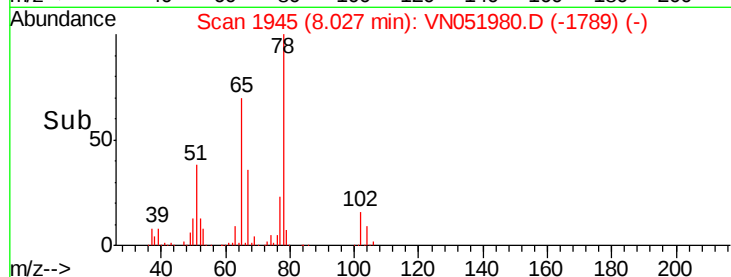
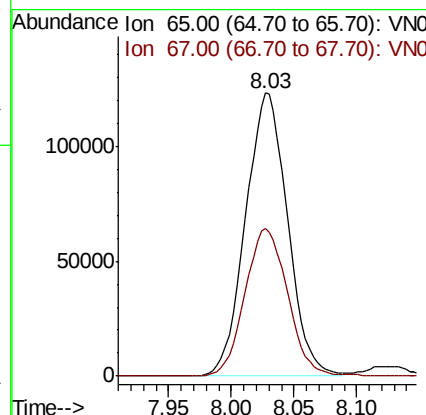
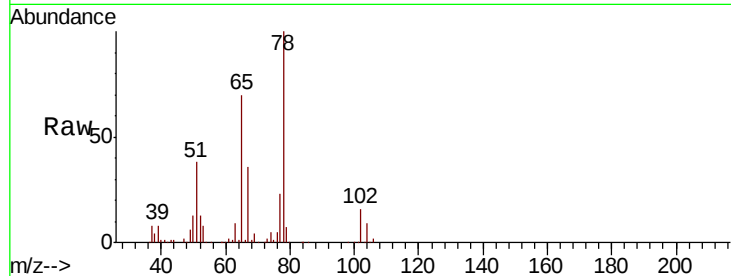
#27
 1,2-Dichloroethane-d4
 Concen: 18.734 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	41.8	62.8

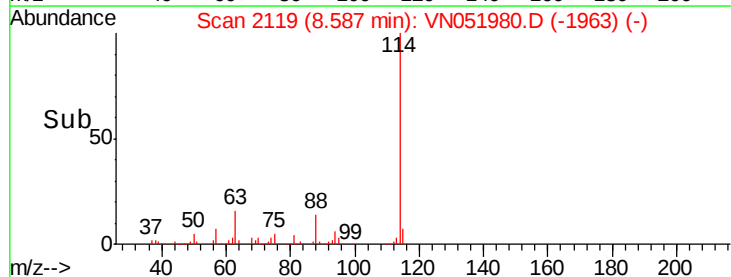
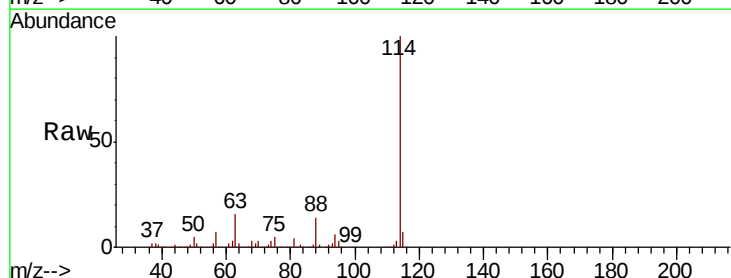
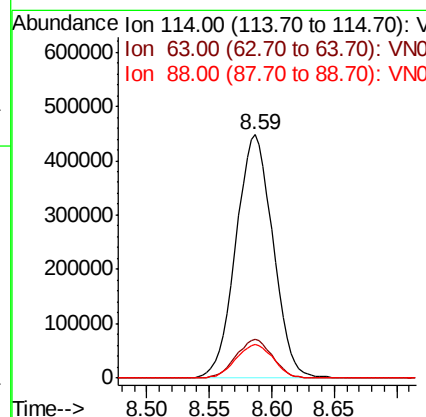
Manual Integrations
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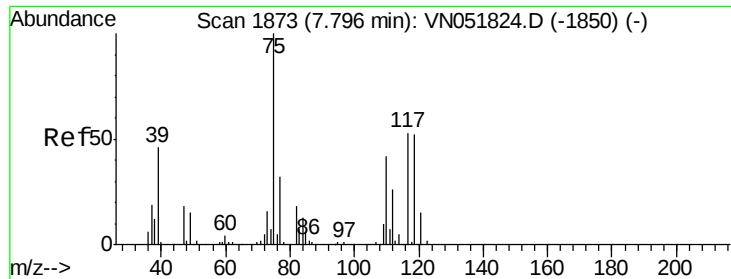
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l m
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	0.0	16.2	24.2#
88	0.0	12.2	18.4#





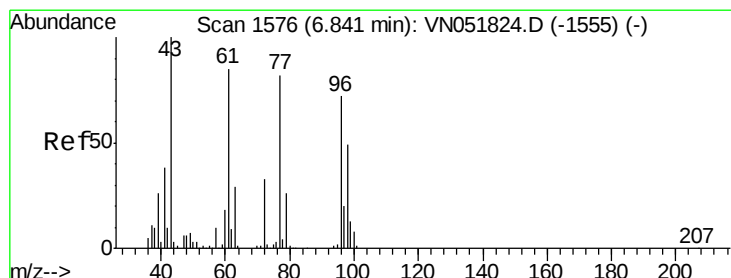
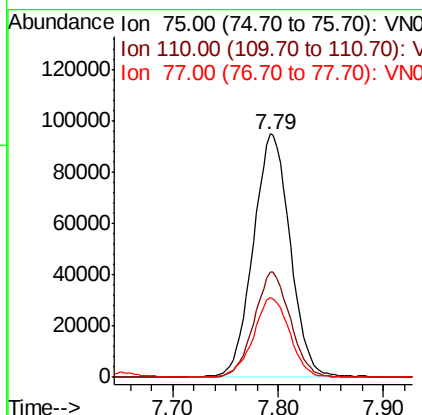
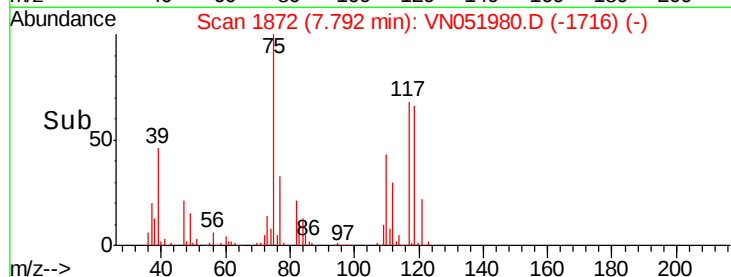
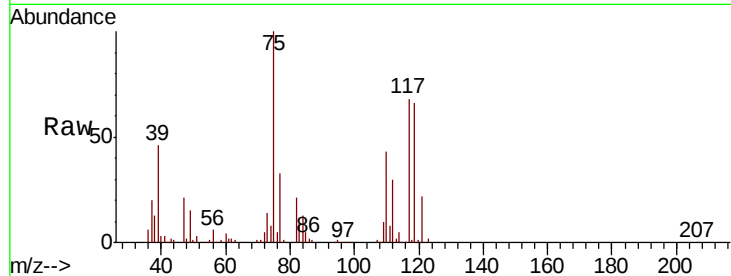
#29
 1,1-Dichloropropene
 Concen: 19.456 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	42.1	0.0	70.8
77	32.2	0.0	61.6

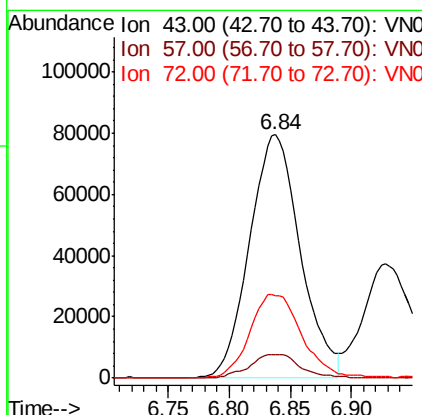
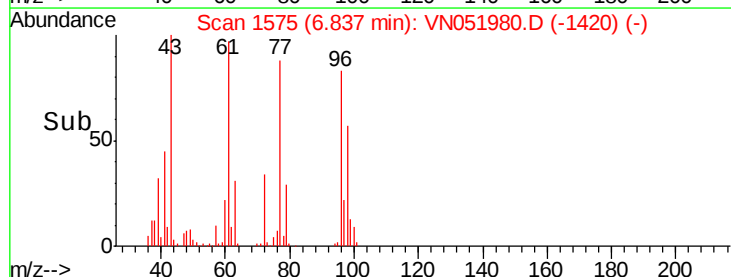
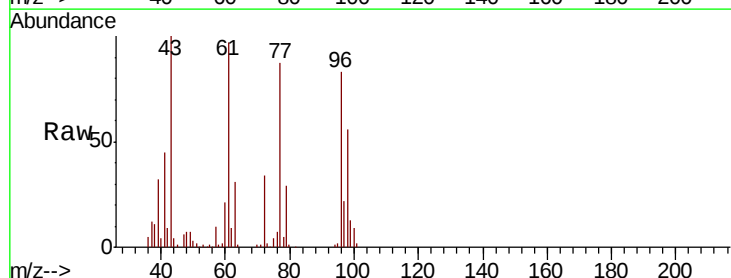
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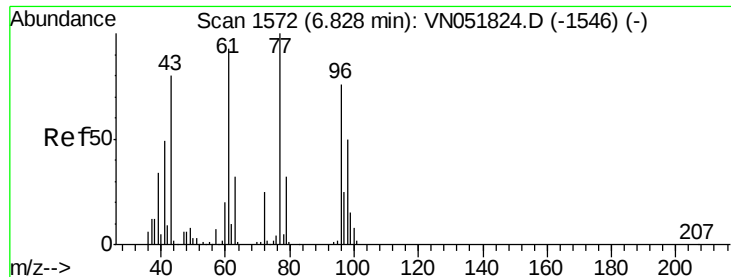
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#30
 2-Butanone
 Concen: 91.782 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	5.2	4.5	6.7
72	35.0	21.5	32.3





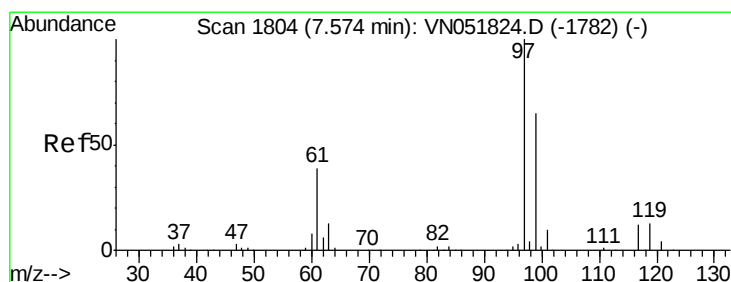
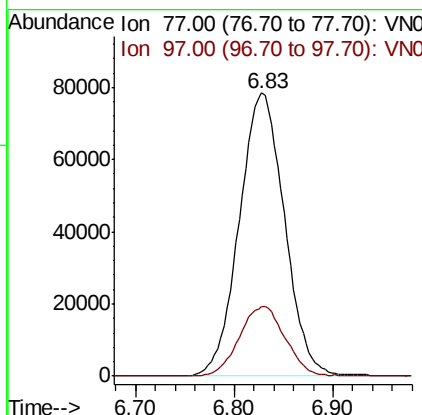
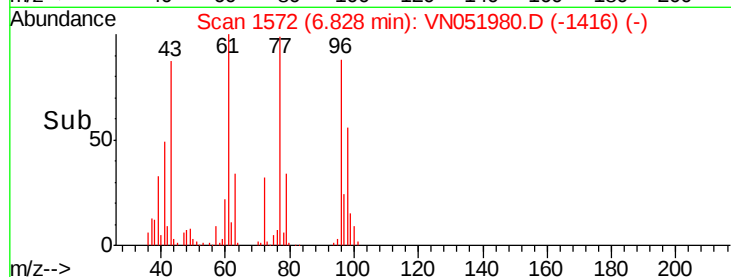
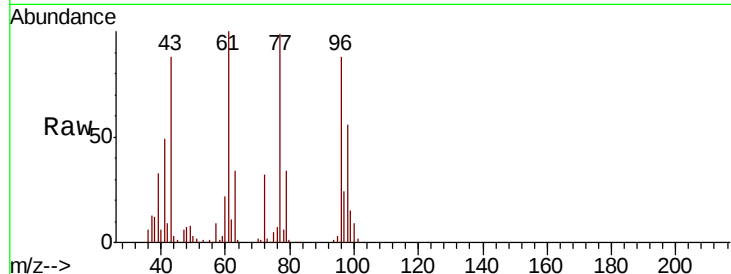
#31
 2,2-Dichloropropane
 Concen: 17.788 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion: 77 Resp: 248965
 Ion Ratio Lower Upper
 77 100
 97 24.9 12.0 18.0#

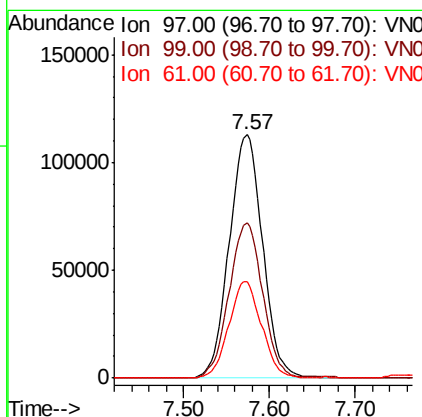
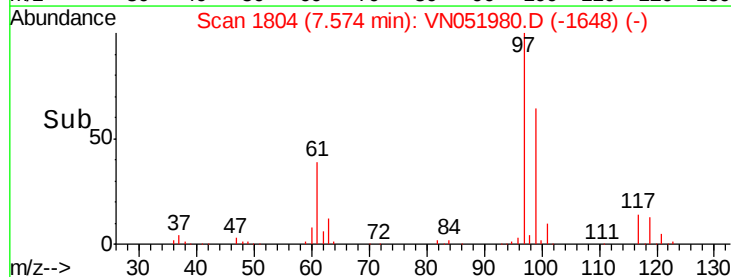
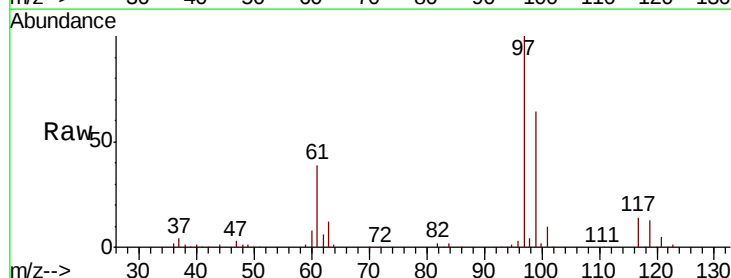
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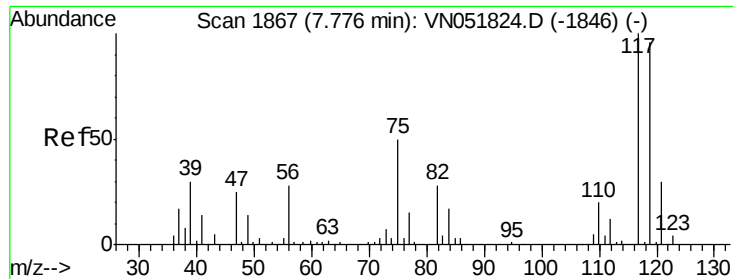
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#32
 1,1,1-Trichloroethane
 Concen: 19.322 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion: 97 Resp: 304787
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.6 77.4
 61 38.8 37.4 56.0





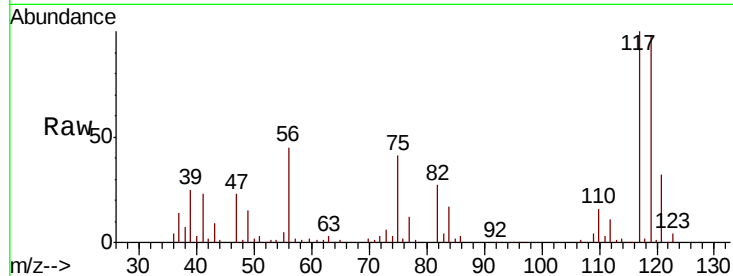
#33
Carbon Tetrachloride
Concen: 18.826 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.2	85.1	127.7
121	31.9	24.2	36.2

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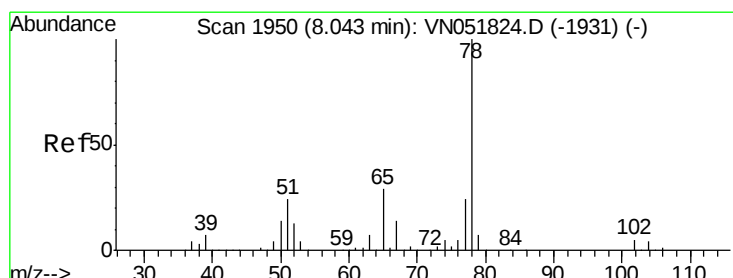
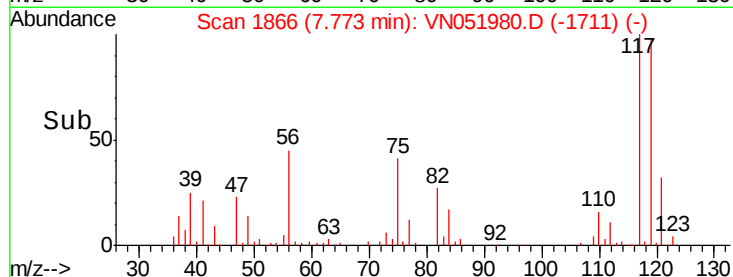
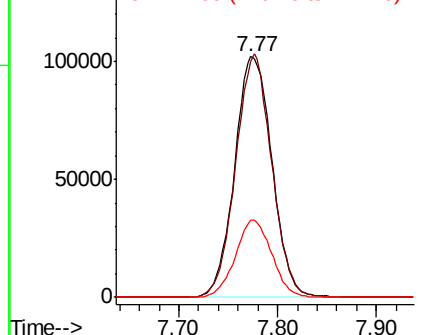


Abundance

Ion 117.00 (116.70 to 117.70): V

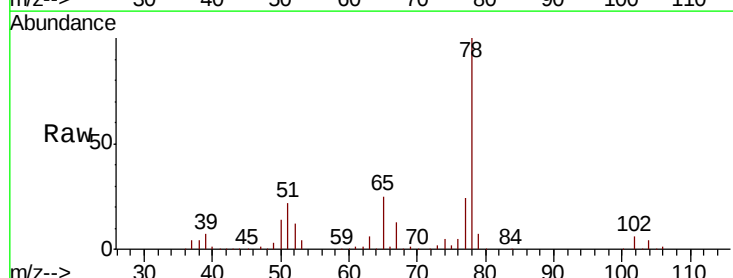
Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34
Benzene
Concen: 19.827 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2
51	22.0	46.2	69.4#

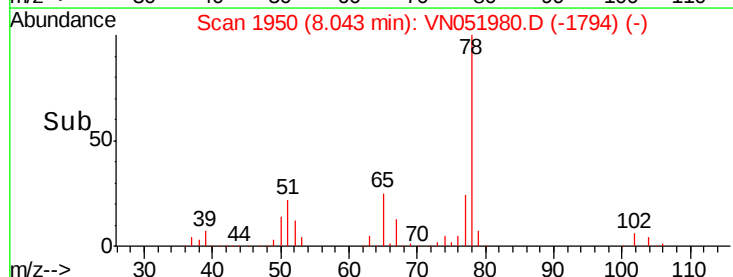
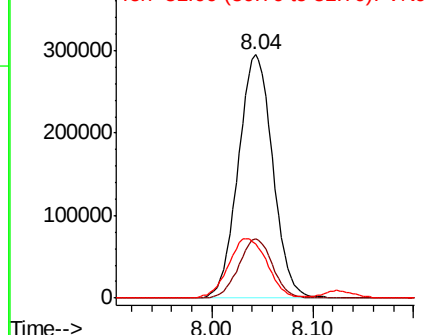


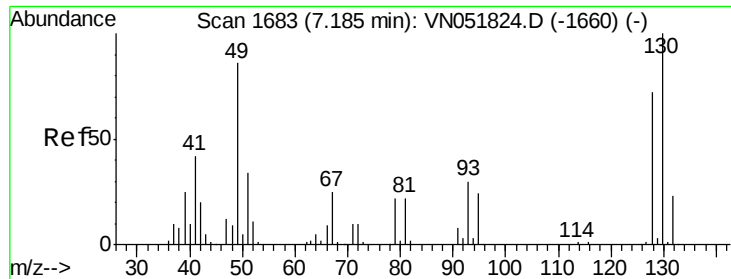
Abundance

Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V





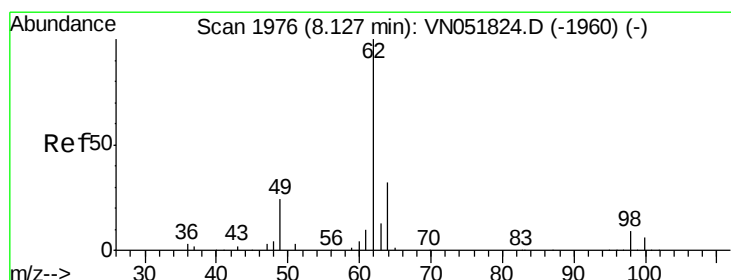
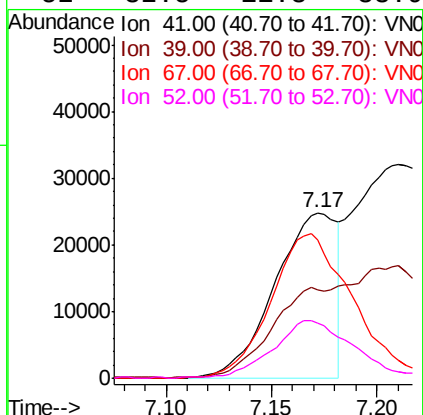
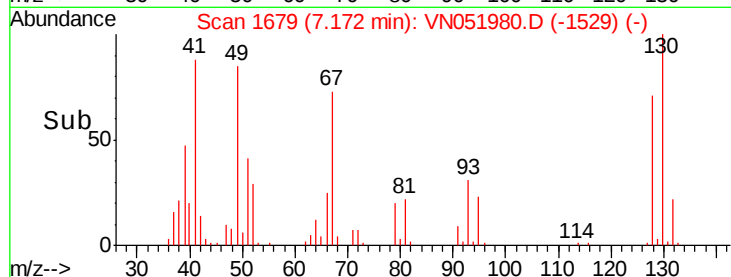
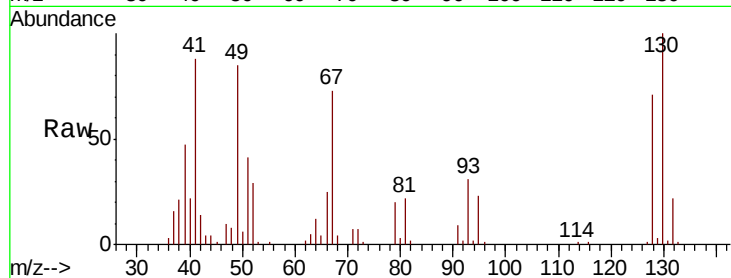
#35
Methacrylonitrile
Concen: 15.598 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.02 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.4	22.6	67.7
67	82.7	28.9	86.8
52	32.5	11.3	33.9

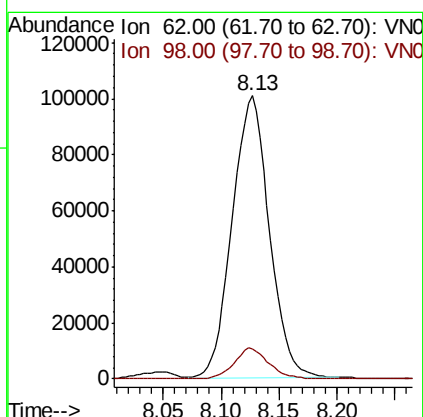
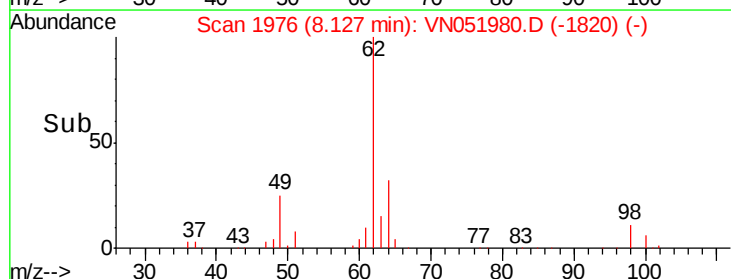
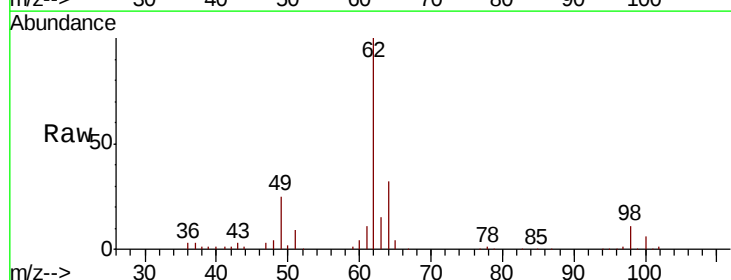
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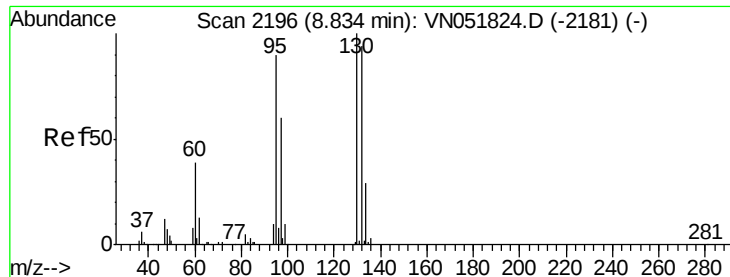
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#36
1,2-Dichloroethane
Concen: 19.820 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	6.9	10.3





#37

Trichloroethene

Concen: 20.454 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion:130 Resp: 223461

Ion Ratio Lower Upper

130 100

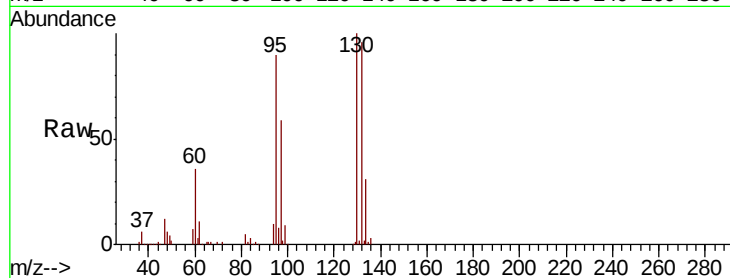
95 89.6 76.4 114.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): VN051980.D (-2181) (-)

Ion 94.90 (94.60 to 95.60): VN051980.D (-2181) (-)

8.84

120000

100000

80000

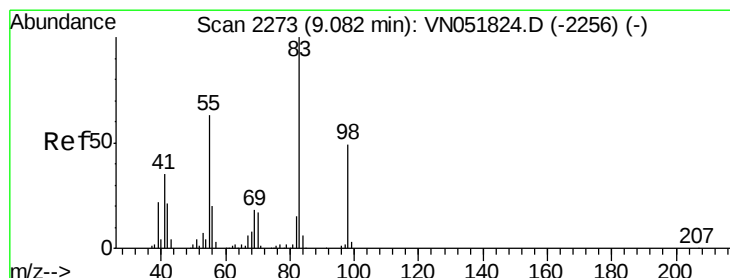
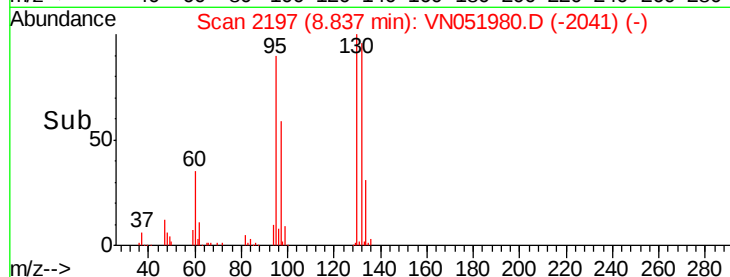
60000

40000

20000

0

Time-->



#38

Methylcyclohexane

Concen: 19.198 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

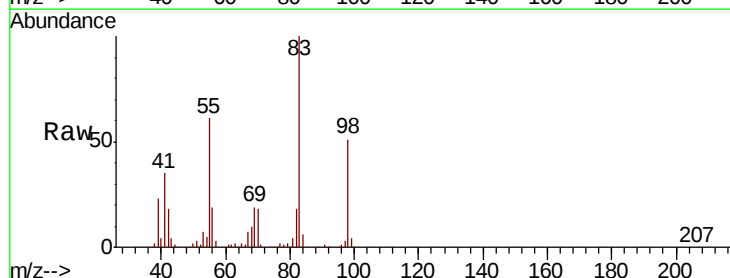
Tgt Ion: 83 Resp: 292963

Ion Ratio Lower Upper

83 100

55 61.4 43.0 129.2

98 50.1 21.3 63.7



Abundance Ion 83.00 (82.70 to 83.70): VN051980.D (-2256) (-)

Ion 55.00 (54.70 to 55.70): VN051980.D (-2256) (-)

Ion 98.00 (97.70 to 98.70): VN051980.D (-2256) (-)

9.08

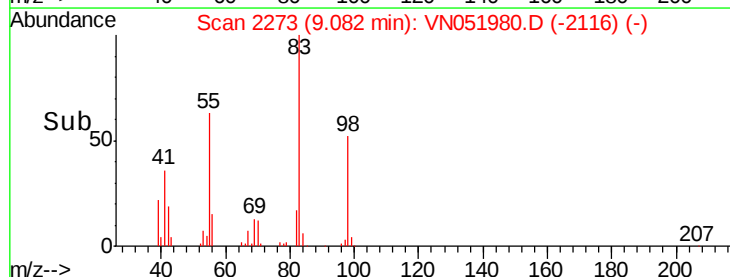
150000

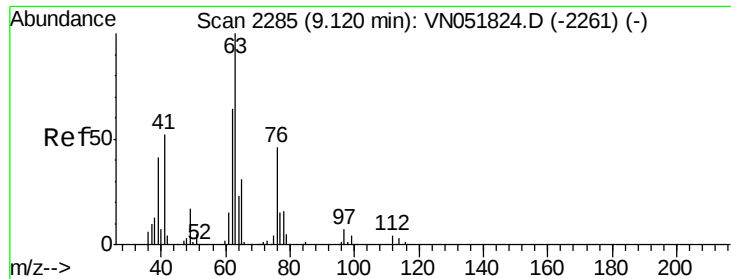
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 19.849 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion: 63 Resp: 164514

Ion Ratio Lower Upper

63 100

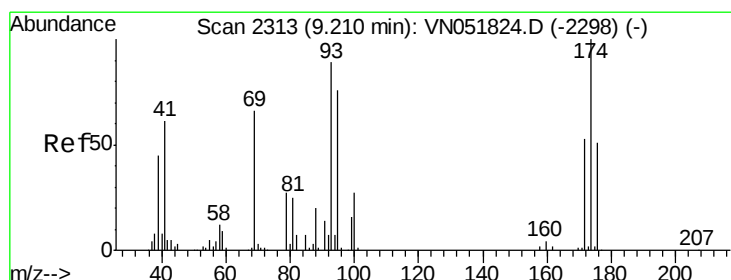
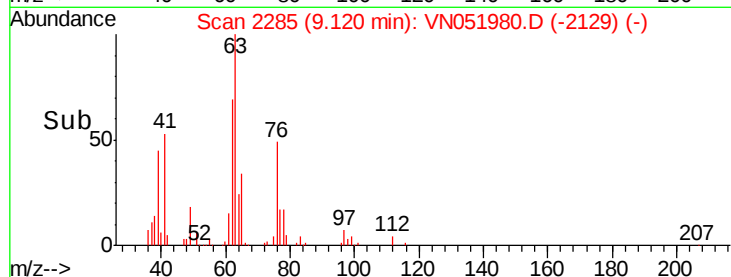
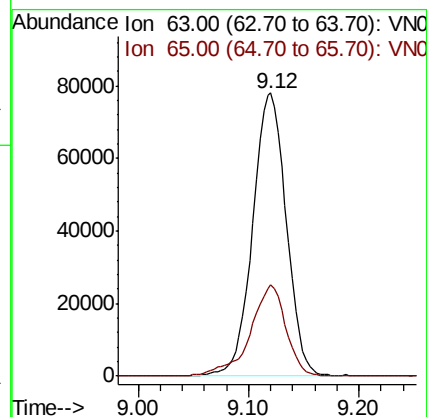
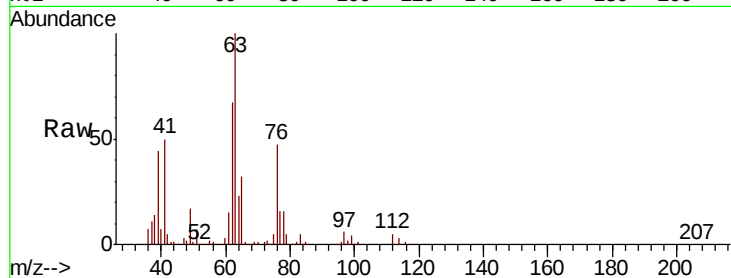
65 32.1 23.2 34.8

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#40

Dibromomethane

Concen: 20.714 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

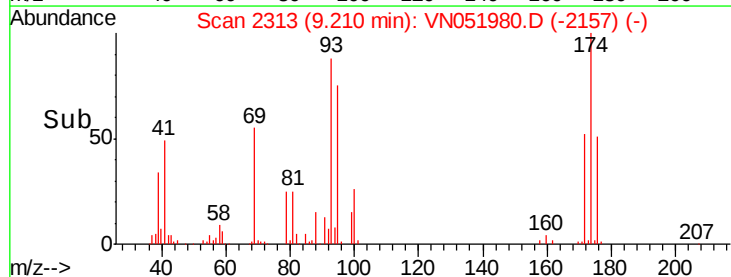
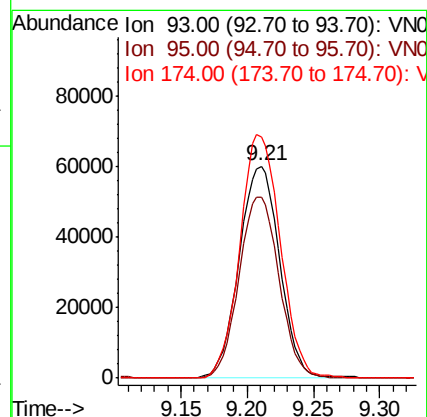
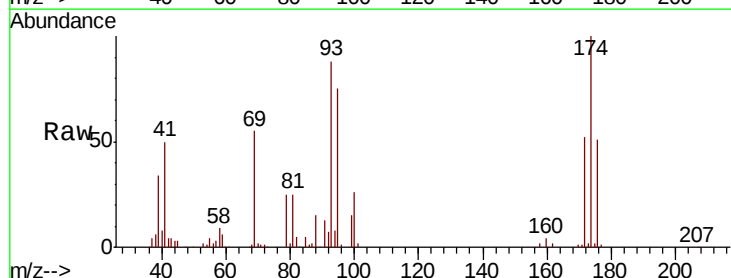
Tgt Ion: 93 Resp: 127420

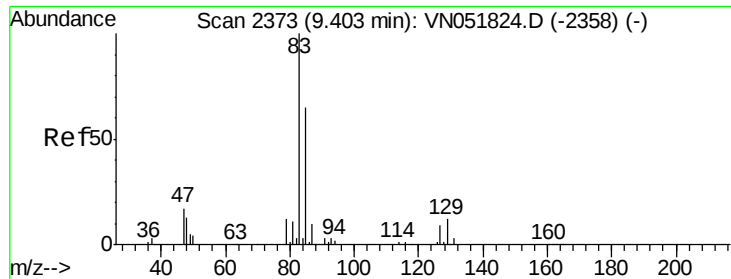
Ion Ratio Lower Upper

93 100

95 84.6 0.0 162.0

174 114.7 0.0 214.0





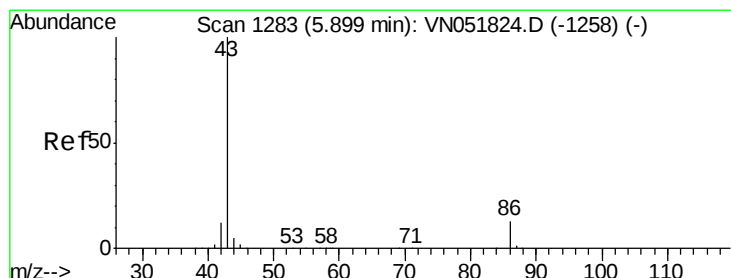
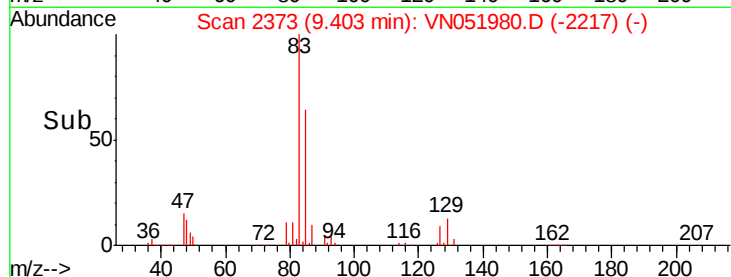
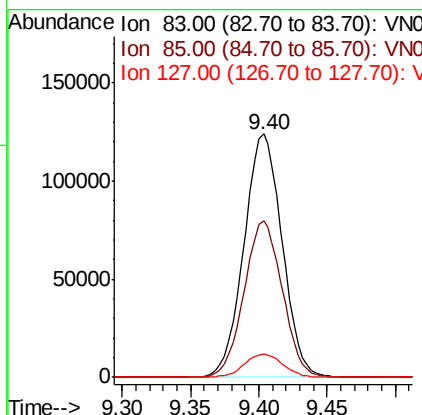
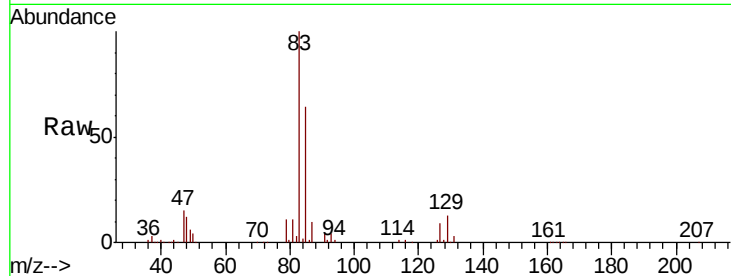
#41
Bromodichloromethane
Concen: 19.009 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	83	Resp	241518
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	55.7	83.5
127	9.4	8.2	12.4

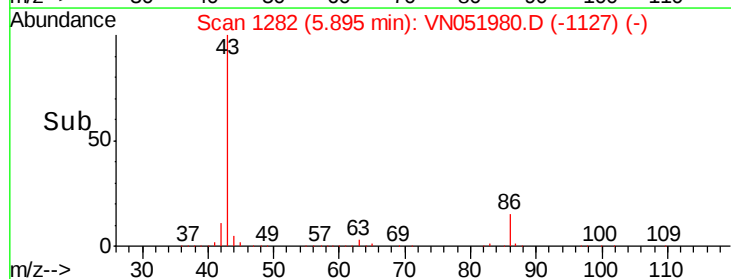
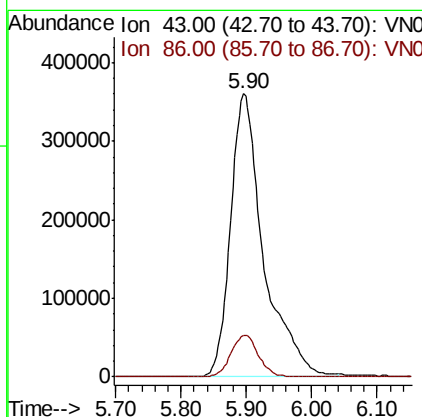
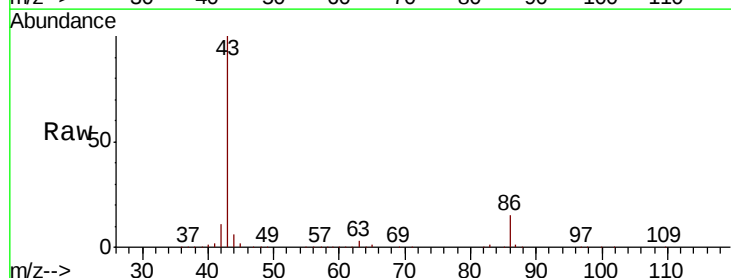
Manual Integrations
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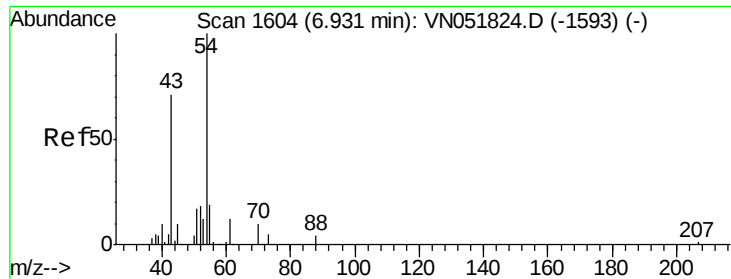
apatel
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#42
Vinyl Acetate
Concen: 90.405 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	43	Resp	1265567
Ion Ratio	100	Lower	Upper
43	100		
86	12.3	6.5	9.7#





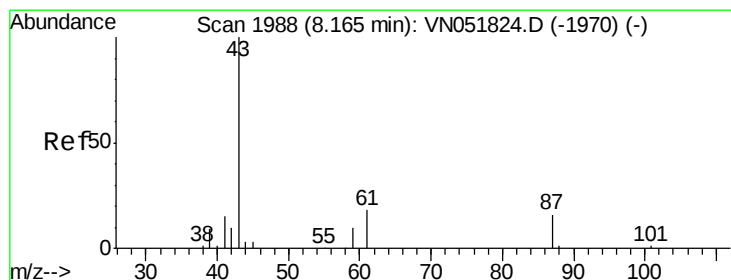
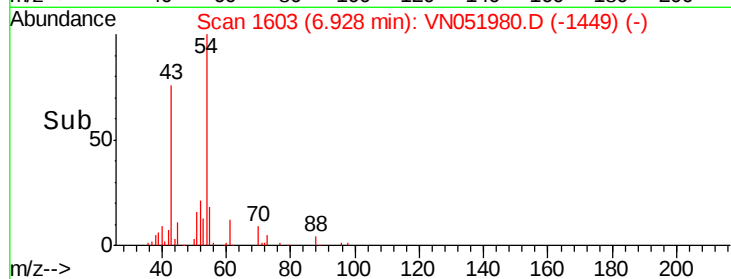
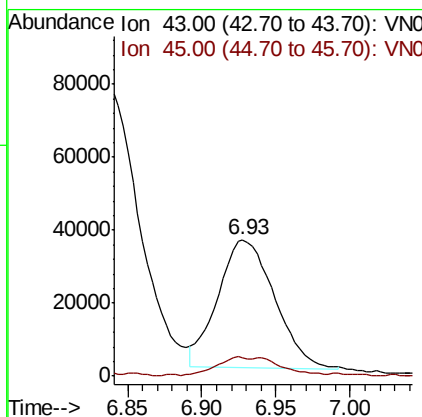
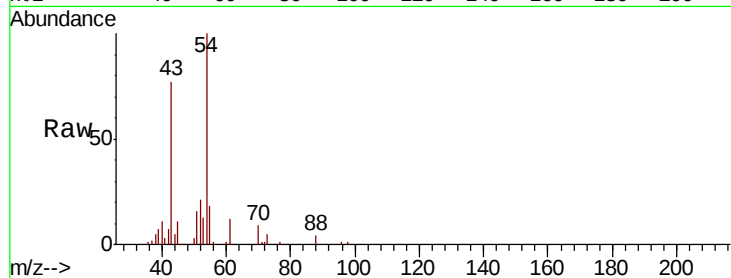
#43
Ethyl Acetate
Concen: 17.211 ug/l m
RT: 6.93 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion: 43 Resp: 92932
Ion Ratio Lower Upper
43 100
45 0.1 11.0 16.6#

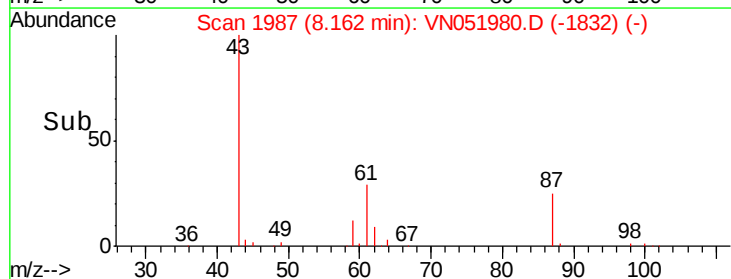
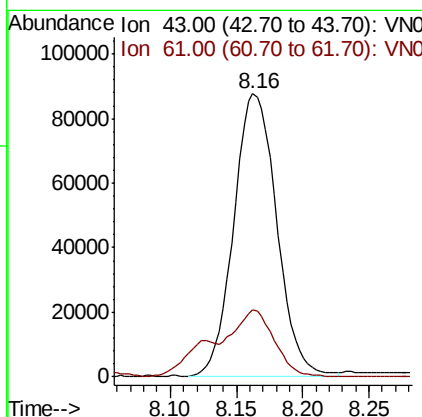
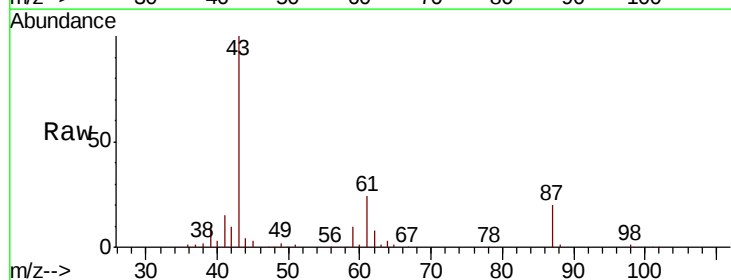
Manual Integrations
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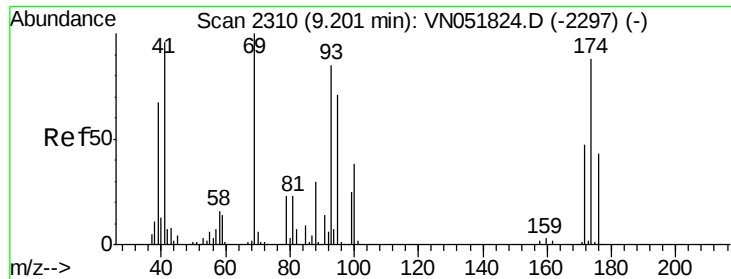
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#44
Isopropyl Acetate
Concen: 18.216 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion: 43 Resp: 196469
Ion Ratio Lower Upper
43 100
61 23.4 15.9 23.9





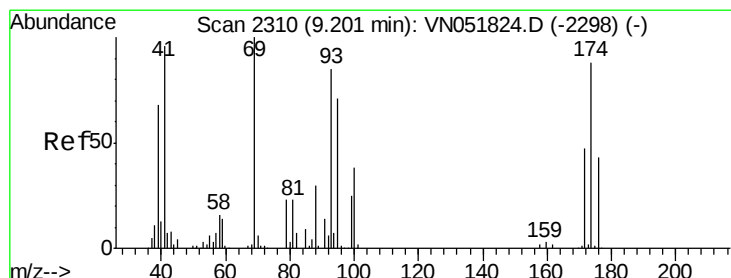
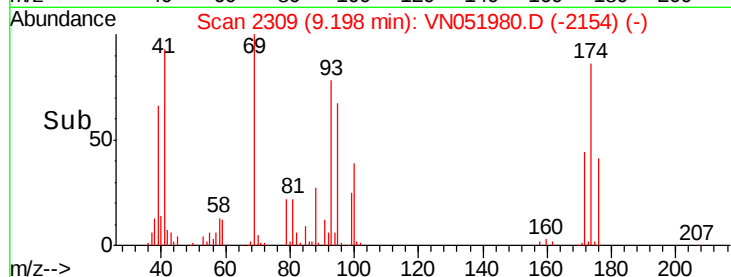
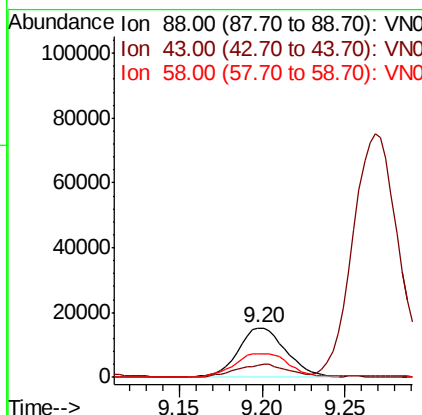
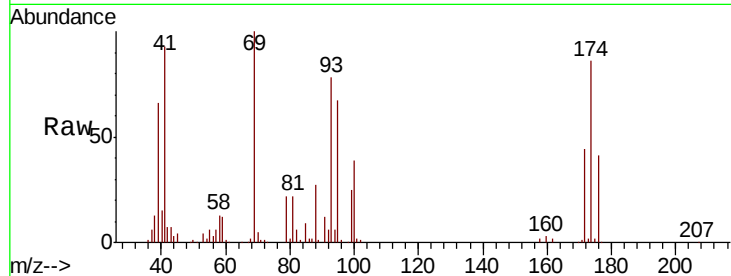
#45
 1,4-Dioxane
 Concen: 357.087 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.1	26.2	39.2#
58	55.0	65.6	98.4#

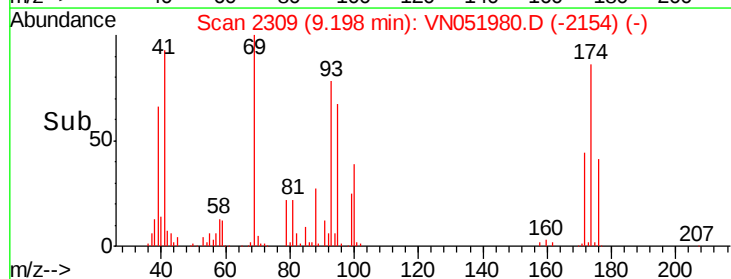
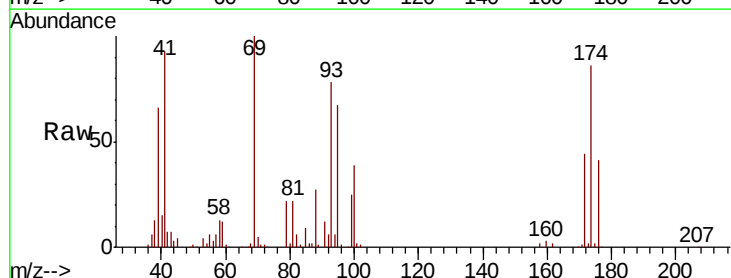
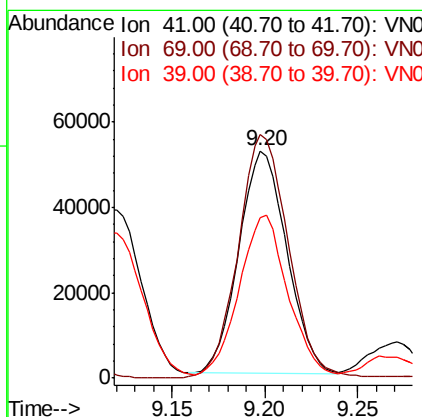
Manual Integrations
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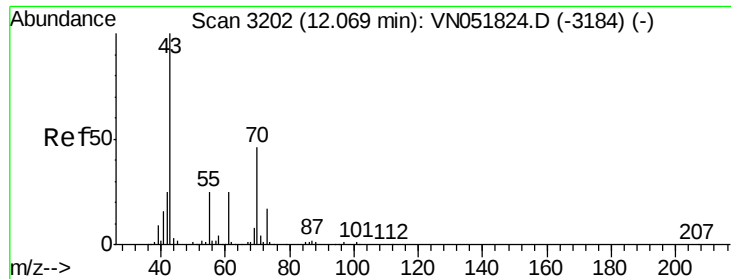
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#46
 Methyl methacrylate
 Concen: 18.921 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	109.0	40.7	122.1
39	70.7	27.3	81.9





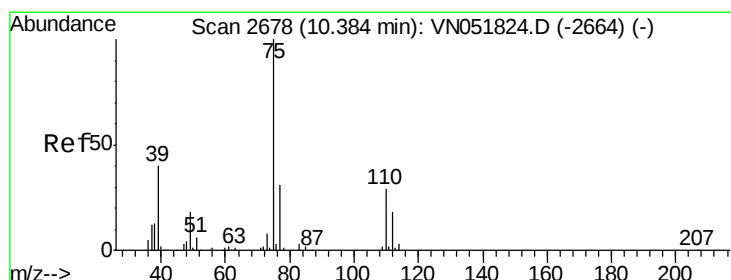
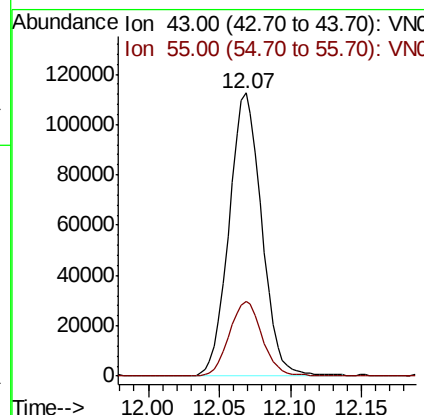
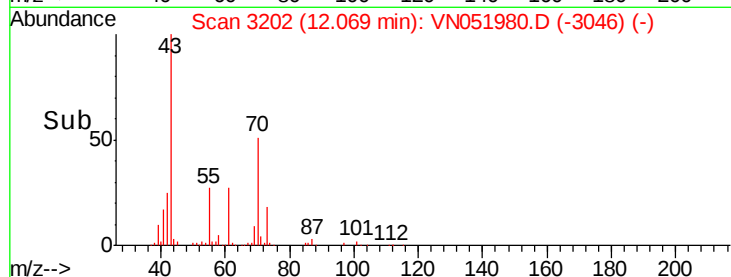
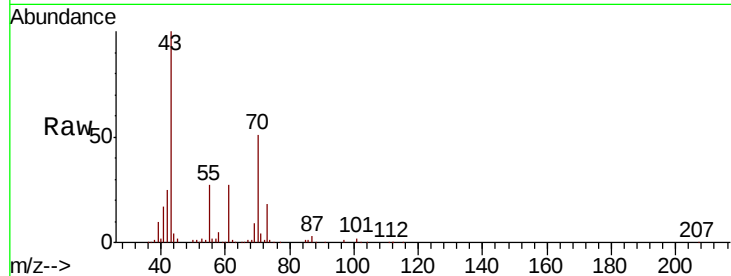
#47
n-amvl Acetate
Concen: 19.932 ug/l m
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion: 43 Resp: 179962
Ion Ratio Lower Upper
43 100
55 0.0 12.2 18.4#

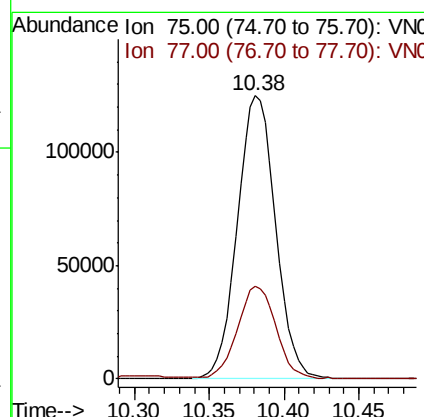
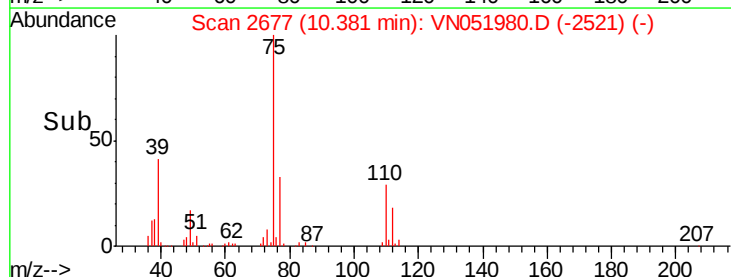
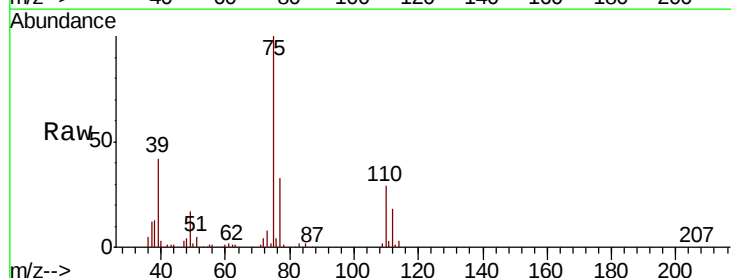
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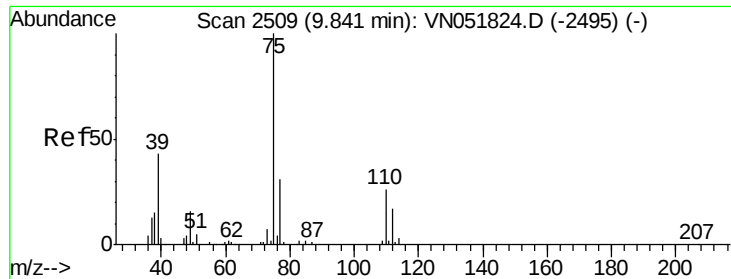
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#48
t-1,3-Dichloropropene
Concen: 17.930 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion: 75 Resp: 222152
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0





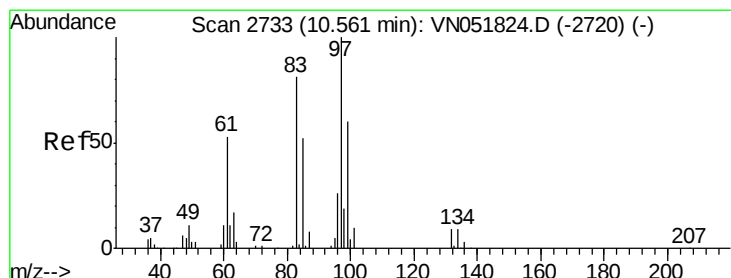
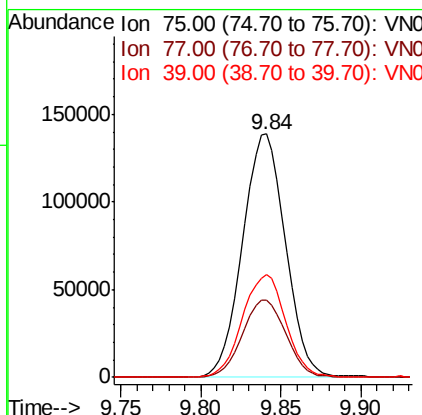
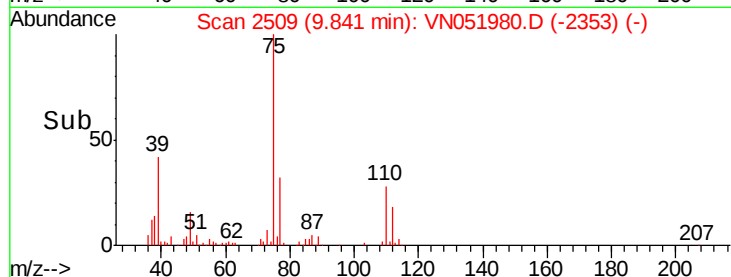
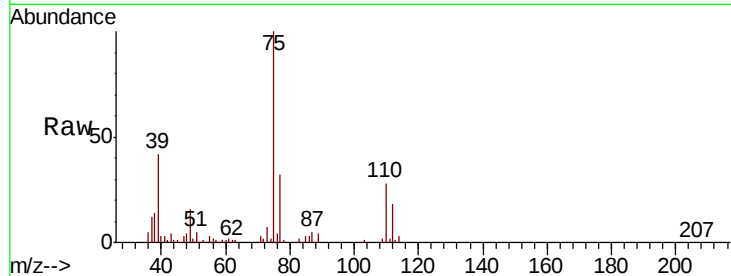
#49
 cis-1,3-Dichloropropene
 Concen: 18.606 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	23.2	34.8
39	41.9	34.6	52.0

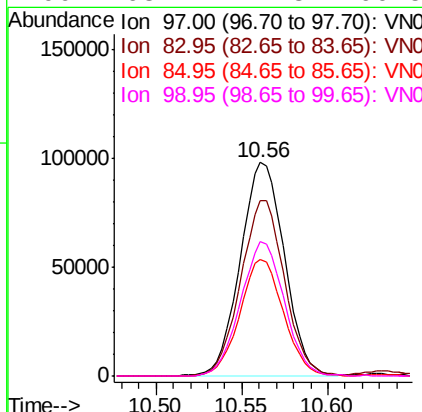
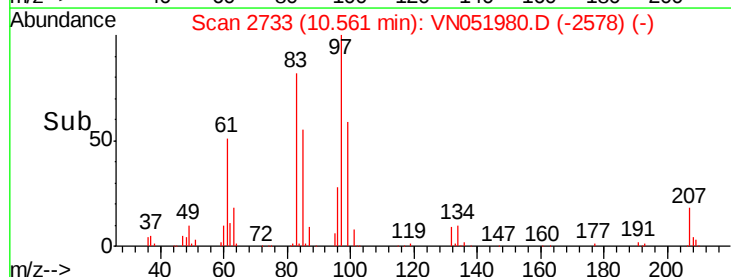
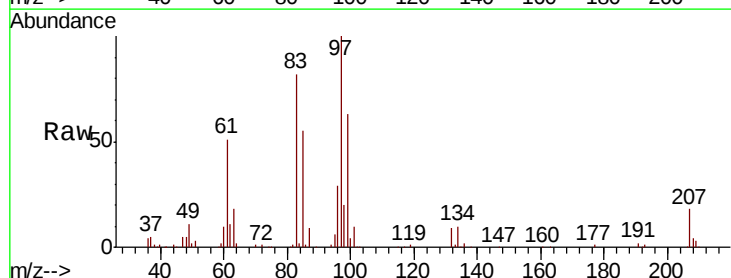
Manual Integrations
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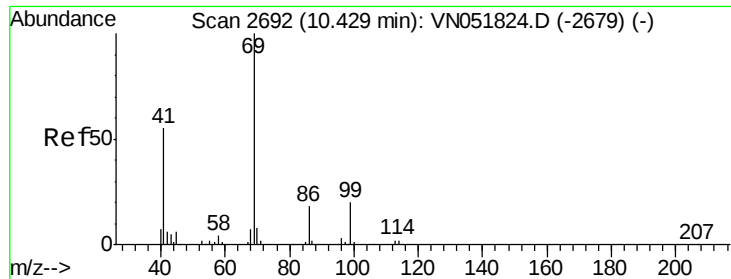
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#50
 1,1,2-Trichloroethane
 Concen: 20.536 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.2	102.4
85	55.1	42.5	63.7
99	63.1	44.3	66.5





#51

Ethyl methacrylate

Concen: 19.136 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

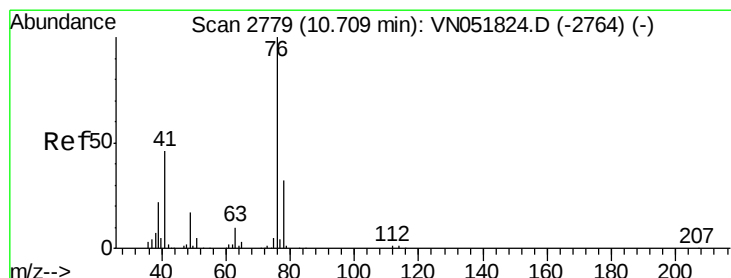
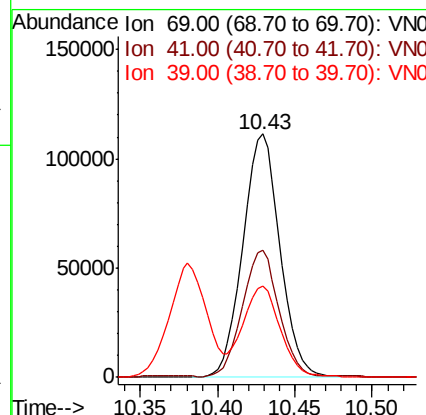
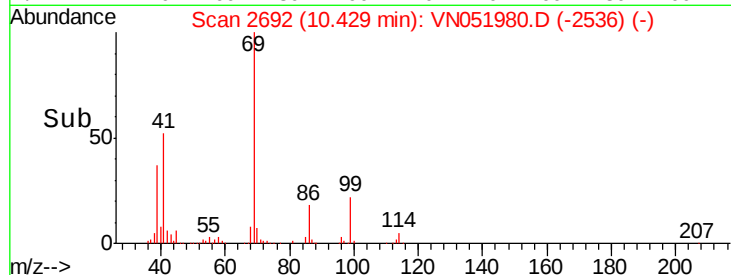
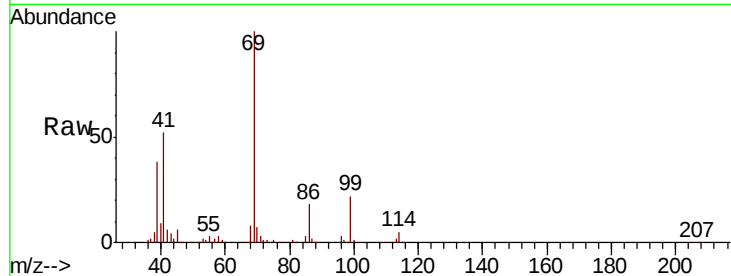
ClientSampled :

VN1024WBS02

Tot Ion:	69	Resp:	186196
Ion Ratio	Lower	Upper	
69	100		
41	51.9	34.4	103.1
39	37.2	16.3	48.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.033 ug/l

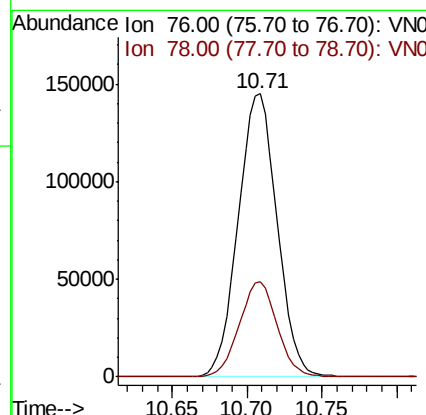
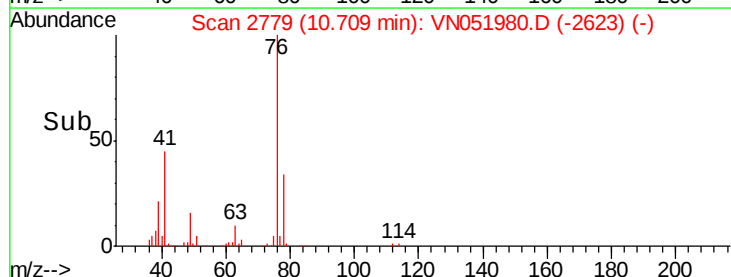
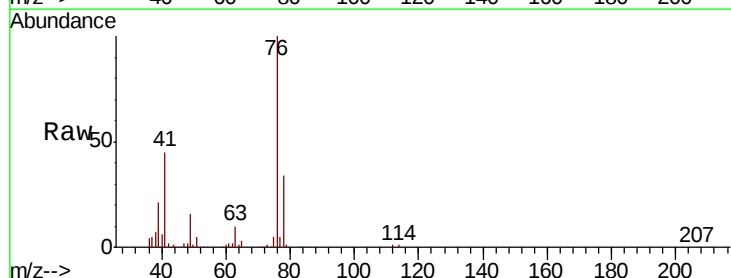
RT: 10.71 min Scan# 2779

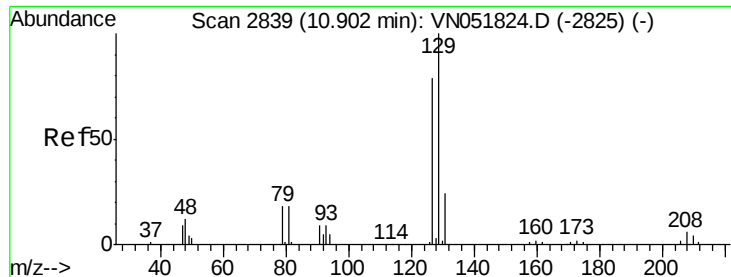
Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Tgt Ion:	76	Resp:	262773
Ion Ratio	Lower	Upper	
76	100		
78	32.6	0.0	67.6





#53

Dibromochloromethane

Concen: 18.612 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion:129 Resp: 195693

Ion Ratio Lower Upper

129 100

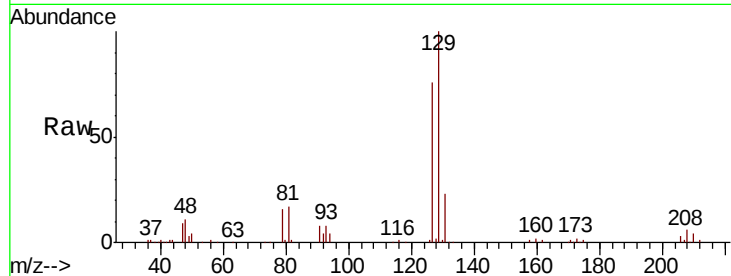
127 74.6 40.2 120.5

Manual Integrations

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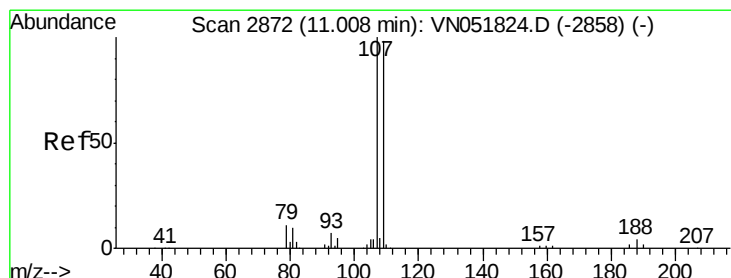
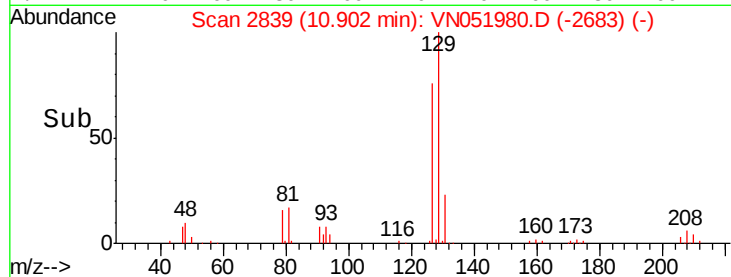
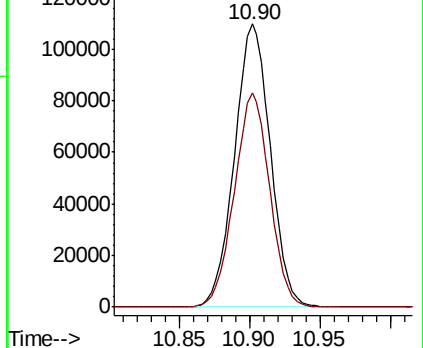
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.316 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN051980.D

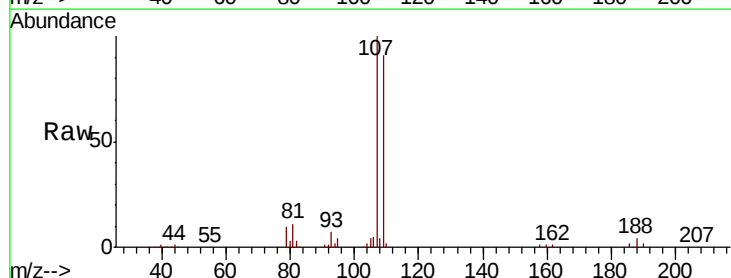
Acq: 24 Oct 2018 11:47

Tgt Ion:107 Resp: 181240

Ion Ratio Lower Upper

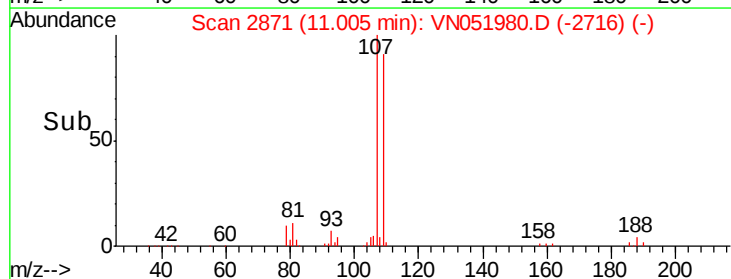
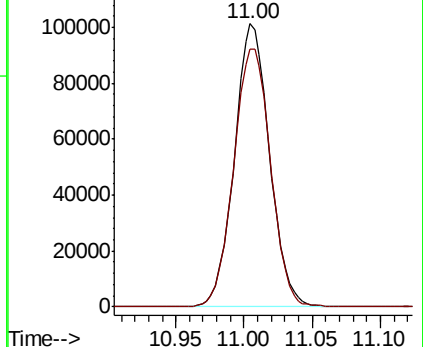
107 100

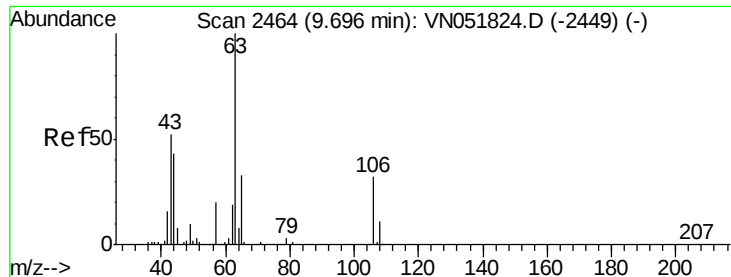
109 95.8 77.4 116.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 117.410 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion: 63 Resp: 488382

Ion Ratio Lower Upper

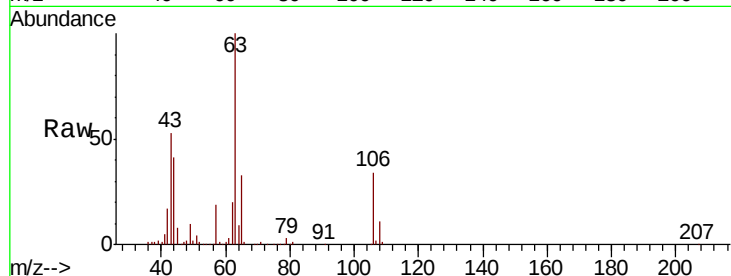
63 100

65 33.2 25.4 38.0

106 35.1 21.2 31.8#

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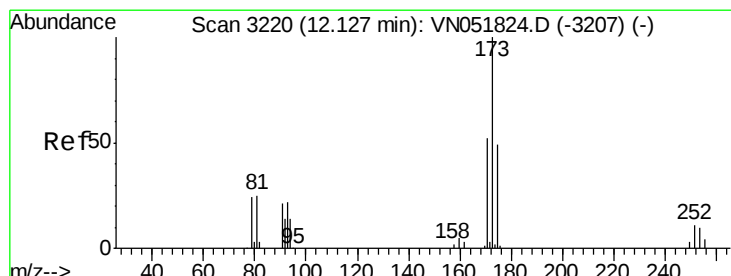
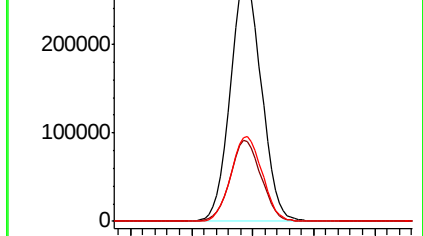
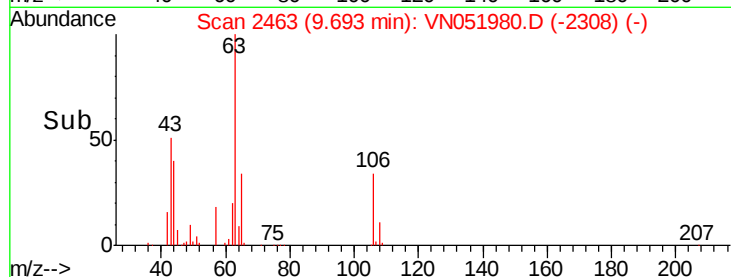


Abundance Ion 63.00 (62.70 to 63.70): VN051824.D (-2449) (-)

Ion 65.00 (64.70 to 65.70): VN051824.D (-2449) (-)

Ion 106.00 (105.70 to 106.70): VN051824.D (-2449) (-)

Time-->



#56

Bromoform

Concen: 16.795 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

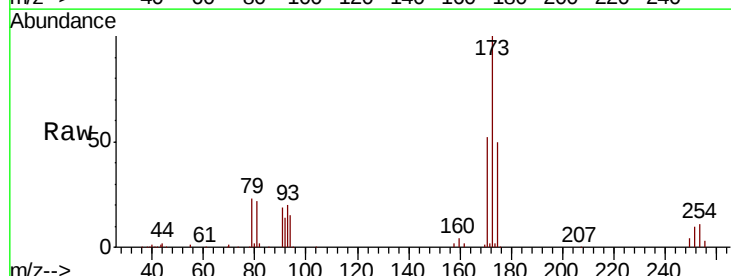
Tgt Ion: 173 Resp: 116460

Ion Ratio Lower Upper

173 100

175 47.1 35.8 53.8

254 9.0 8.6 13.0

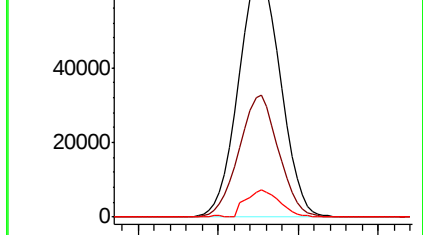
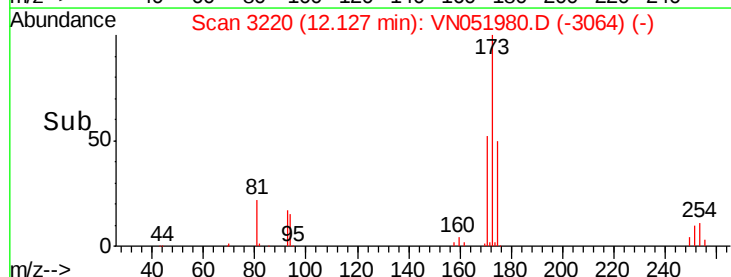


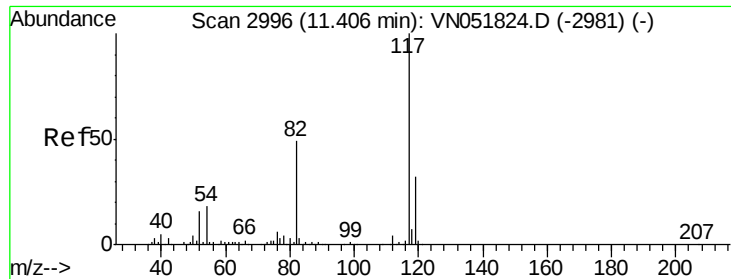
Abundance Ion 173.00 (172.70 to 173.70): VN051824.D (-3207) (-)

Ion 175.00 (174.70 to 175.70): VN051824.D (-3207) (-)

Ion 254.00 (253.70 to 254.70): VN051824.D (-3207) (-)

Time-->





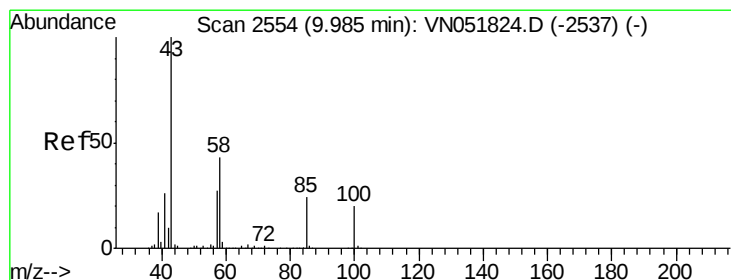
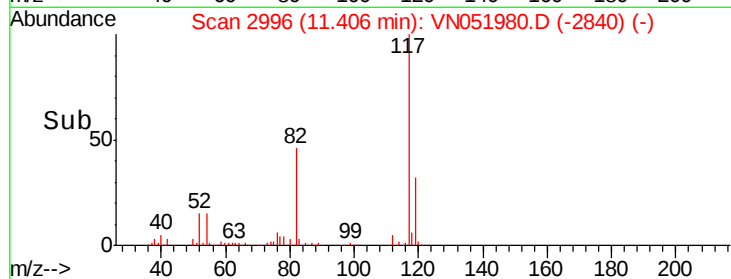
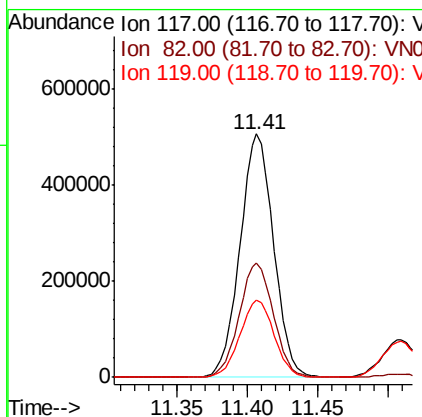
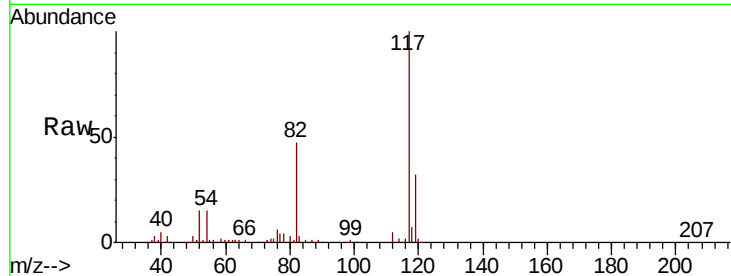
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.6	44.1	66.1
119	32.1	25.8	38.8

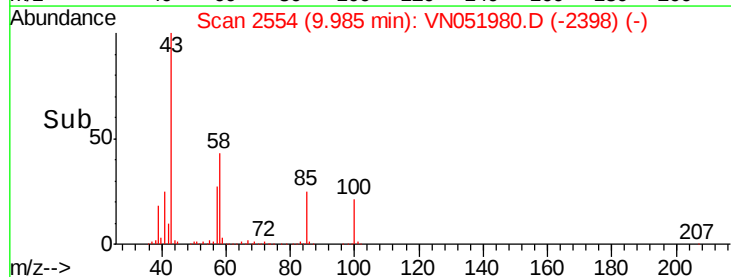
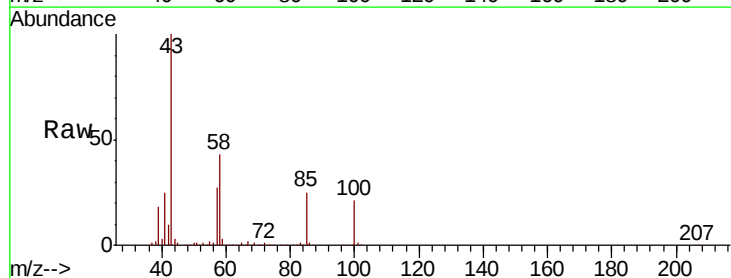
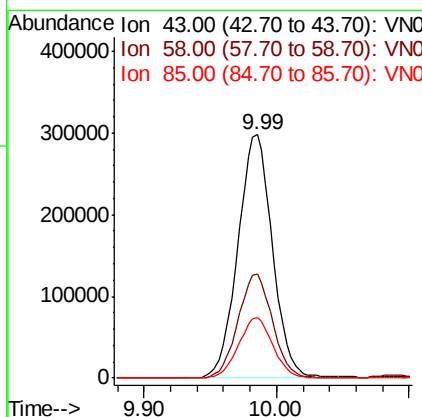
Manual Integrations
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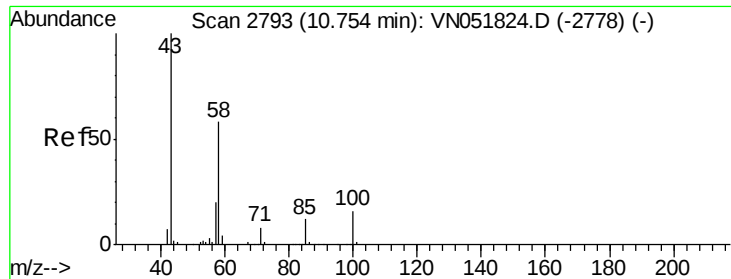
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#58
4-Methyl-2-Pentanone
Concen: 94.594 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.8	29.3	43.9
85	24.8	12.6	18.8





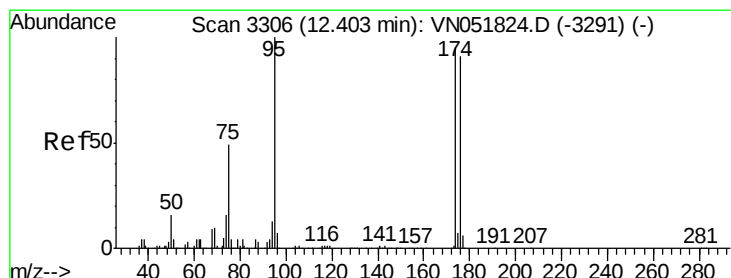
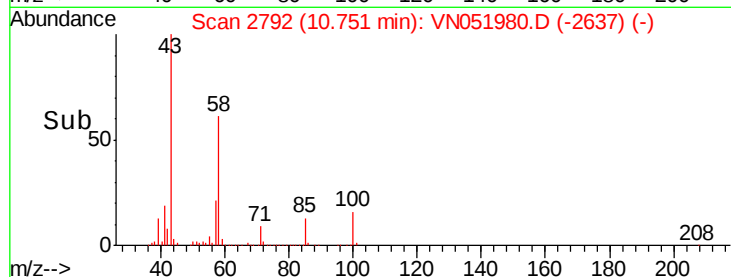
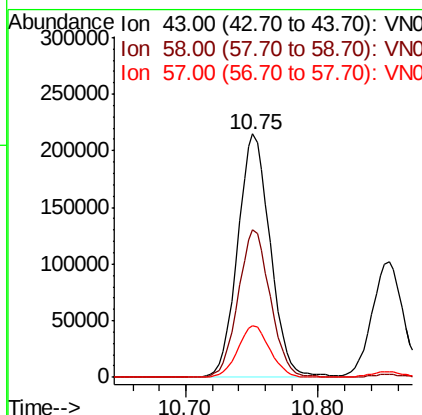
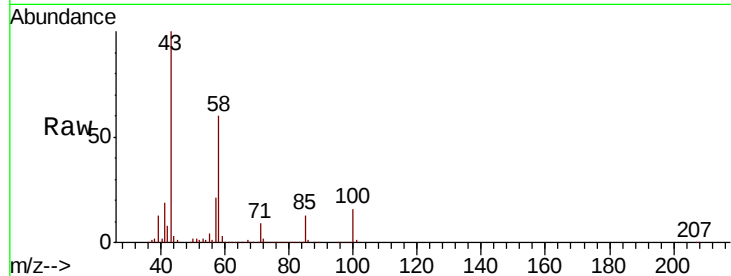
#59
2-Hexanone
Concen: 95.246 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	41.3	61.9
57	20.9	13.4	20.0

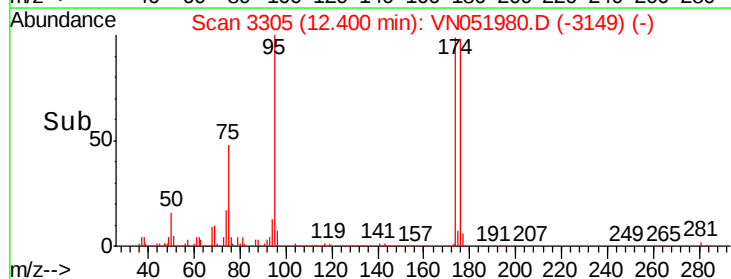
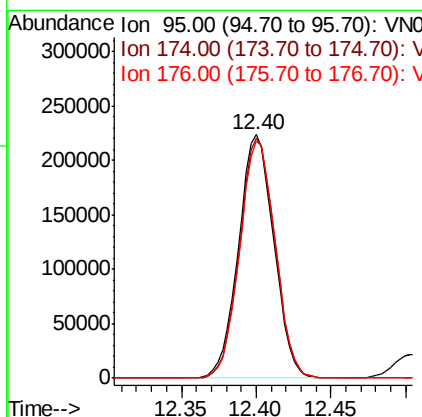
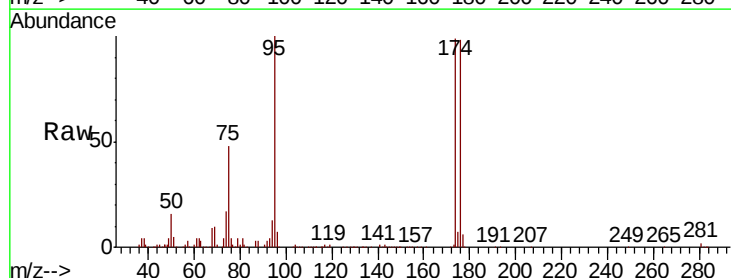
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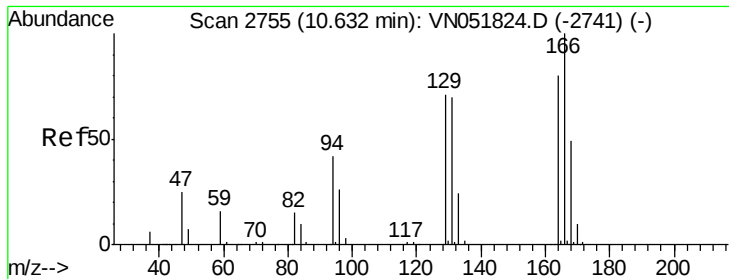
apatel
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#60
4-Bromofluorobenzene
Concen: 95.246 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.5	73.5	110.3
176	97.8	70.2	105.2





#61

Tetrachloroethene

Concen: 19.235 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

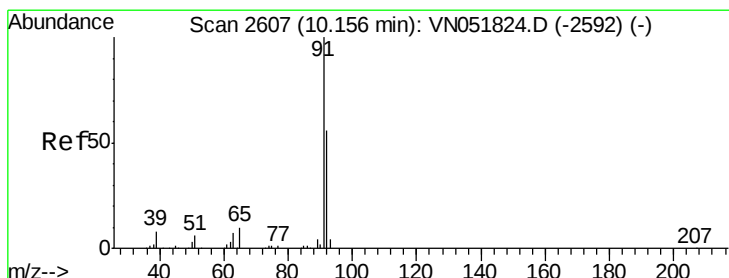
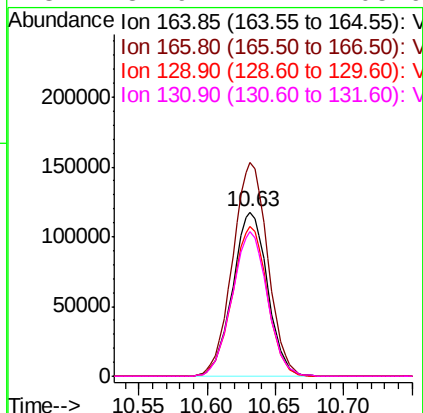
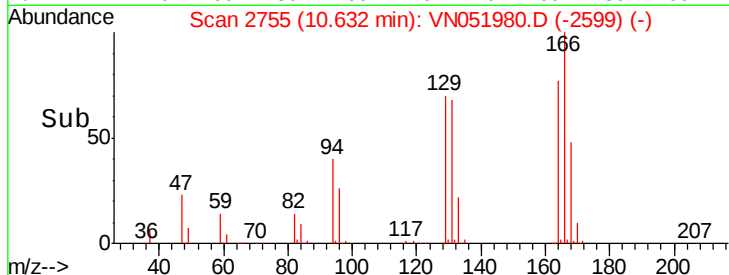
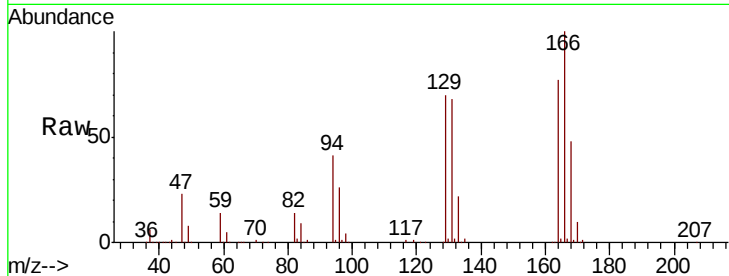
ClientSampleId :

VN1024WBS02

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	130.4	98.7	148.1	
129	91.3	69.6	104.4	
131	87.9	72.4	108.6	

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#62

Toluene

Concen: 20.015 ug/l

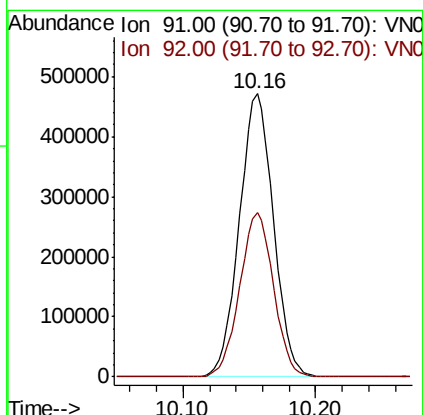
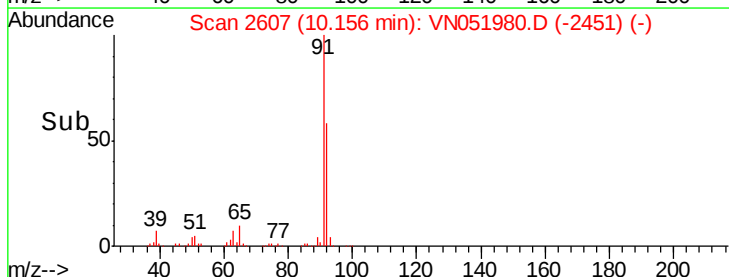
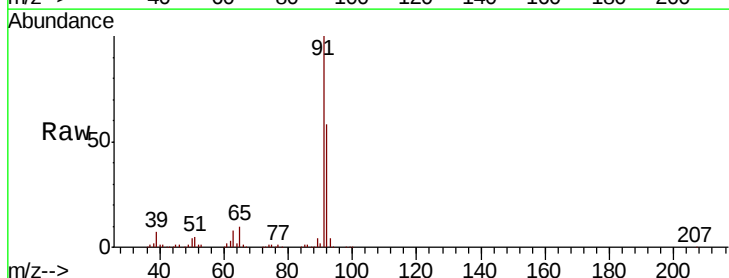
RT: 10.16 min Scan# 2607

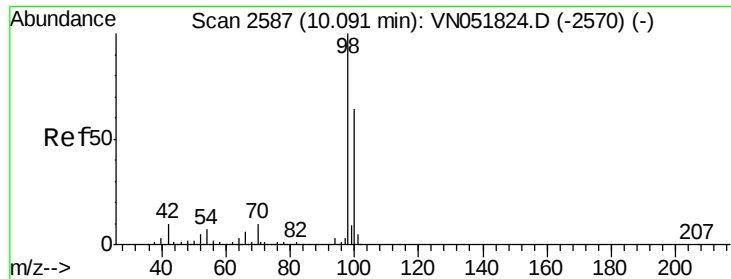
Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	57.5	44.6	66.8	





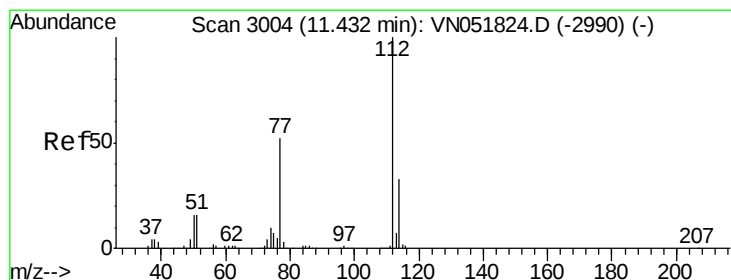
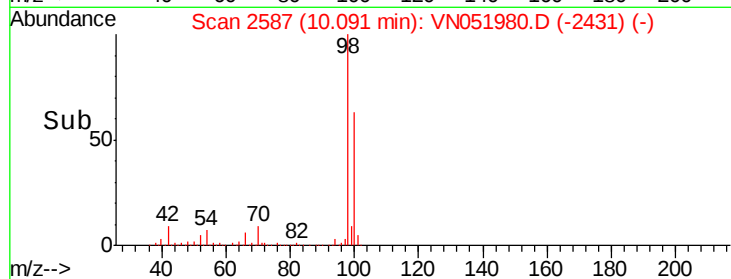
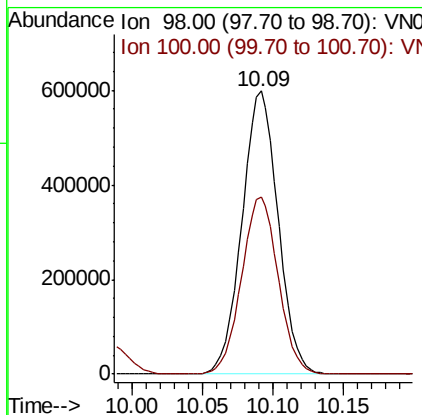
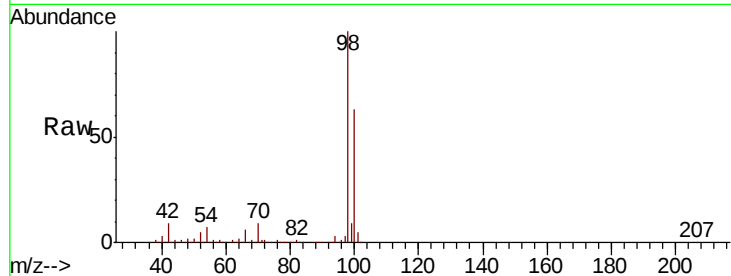
#63
Toluene-d8
Concen: 20.015 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion: 98 Resp: 1072606
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2

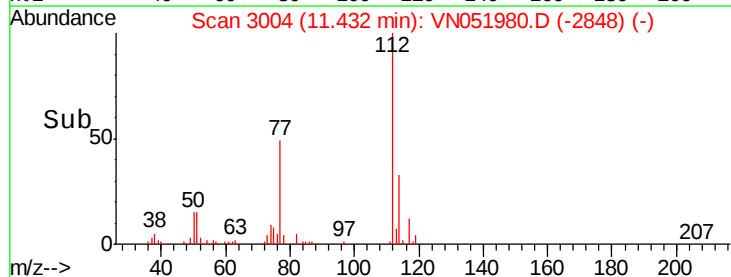
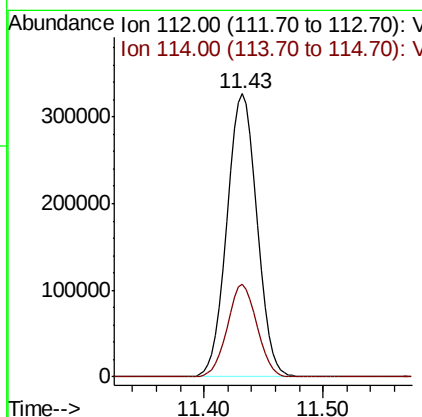
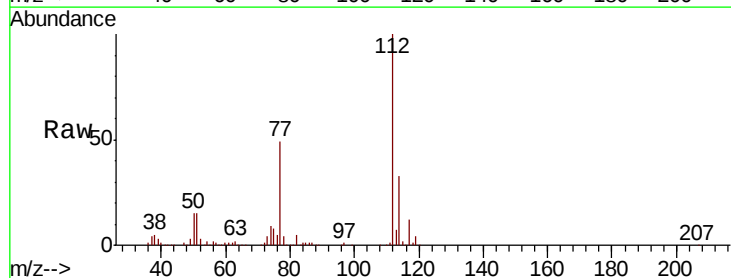
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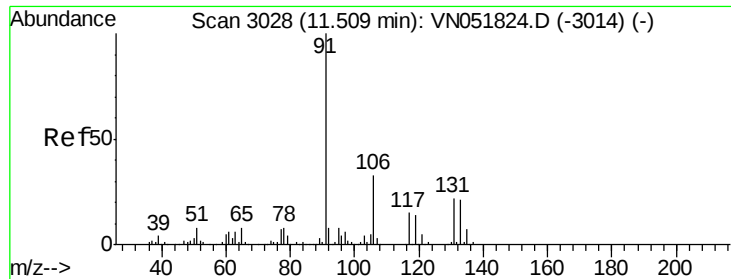
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#64
Chlorobenzene
Concen: 20.750 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion: 112 Resp: 572289
Ion Ratio Lower Upper
112 100
114 32.7 27.5 41.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.221 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

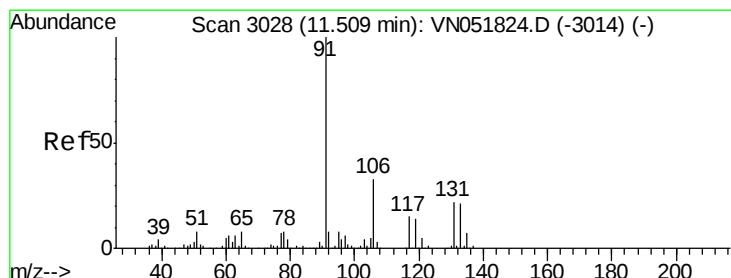
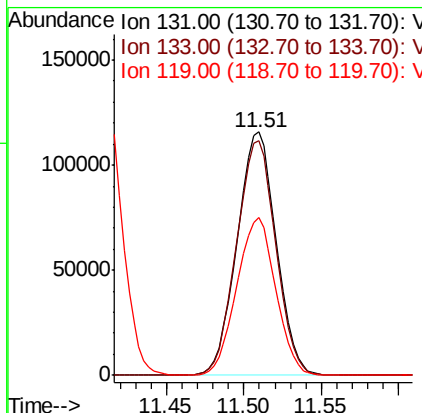
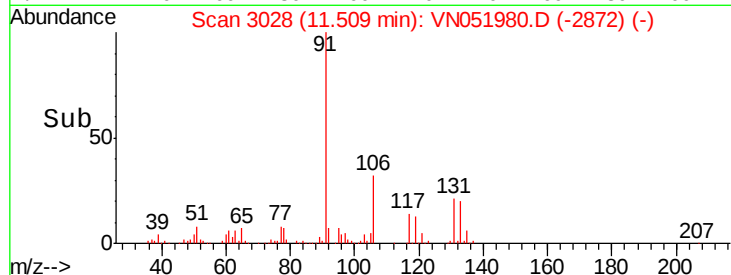
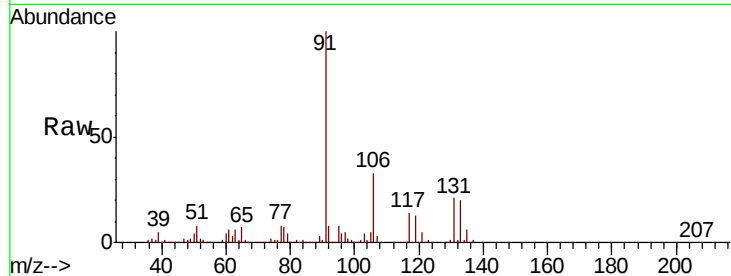
ClientSampleId :

VN1024WBS02

Tot Ion:	131	Resp:	203478
Ion Ratio	Lower	Upper	
131	100		
133	96.7	0.0	190.4
119	64.7	0.0	128.0

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#66

Ethyl Benzene

Concen: 19.958 ug/l

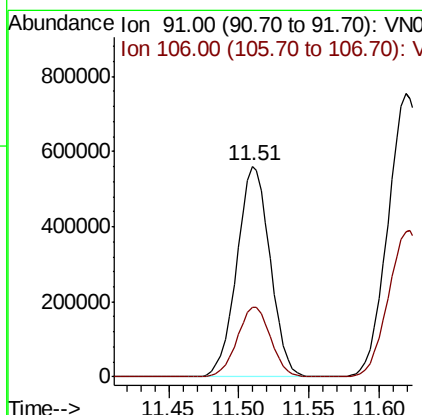
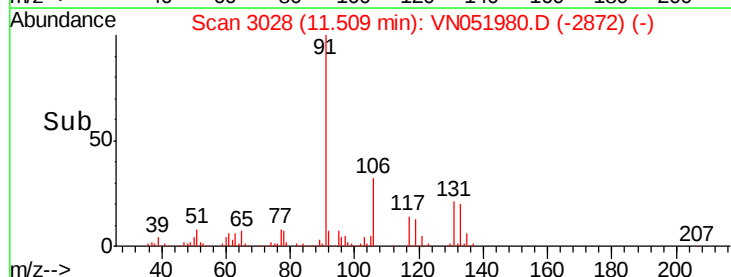
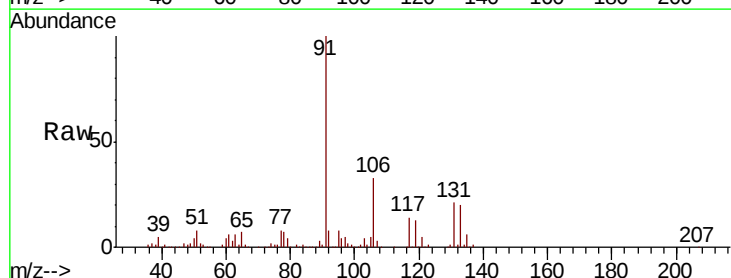
RT: 11.51 min Scan# 3028

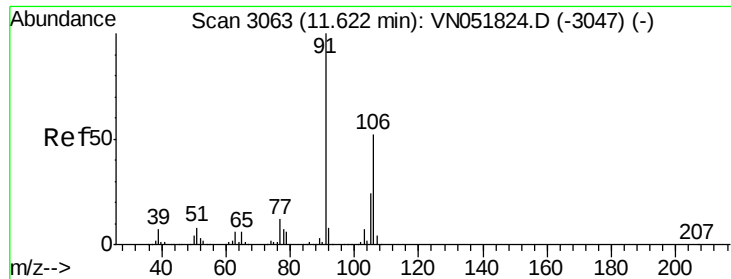
Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Tgt Ion:	91	Resp:	928878
Ion Ratio	Lower	Upper	
91	100		
106	33.0	25.9	38.9





#67

m/p-Xylenes

Concen: 39.732 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion:106 Resp: 749728

Ion Ratio Lower Upper

106 100

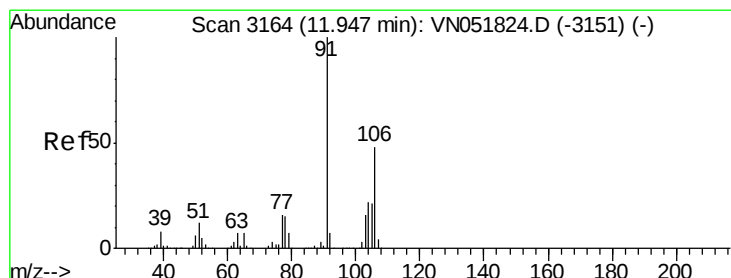
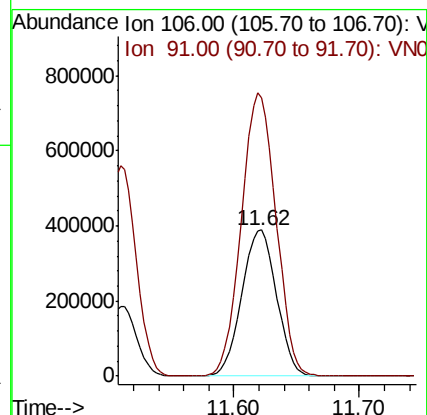
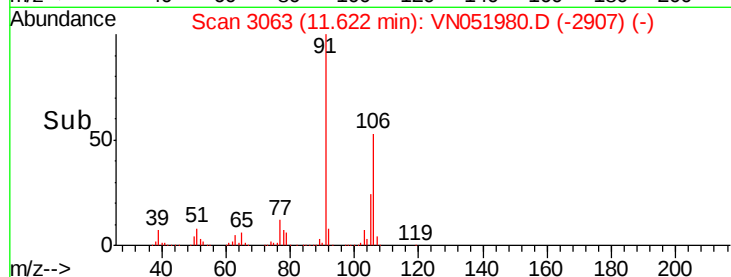
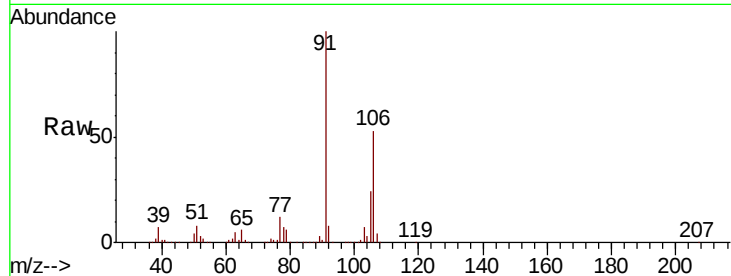
91 192.8 158.8 238.2

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#68

o-Xylene

Concen: 20.093 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN051980.D

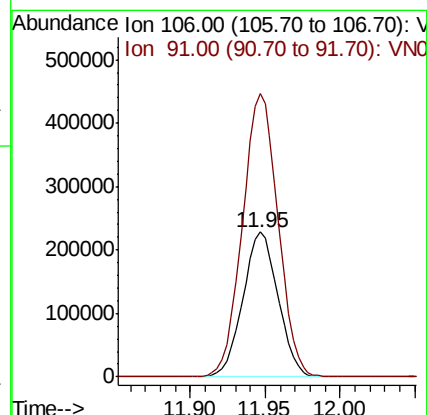
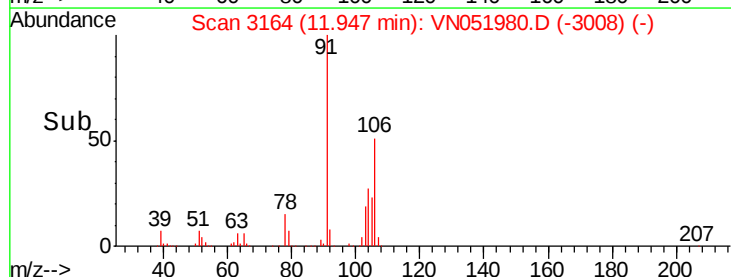
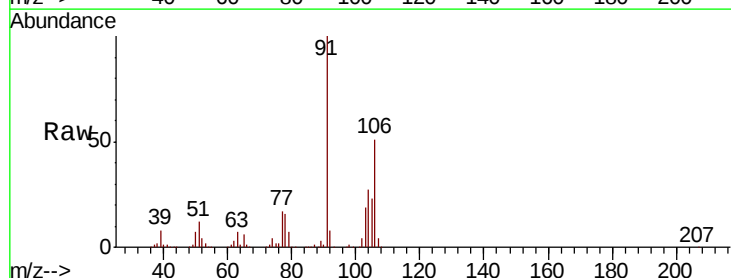
Acq: 24 Oct 2018 11:47

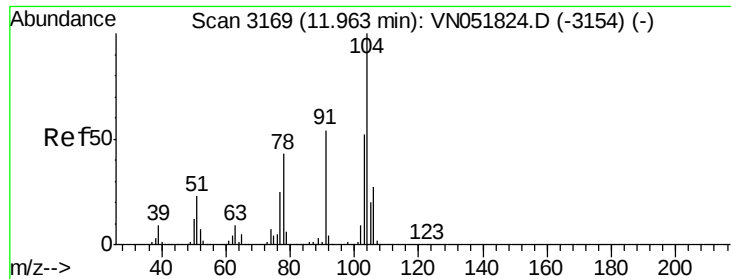
Tgt Ion:106 Resp: 373769

Ion Ratio Lower Upper

106 100

91 197.7 111.1 333.3





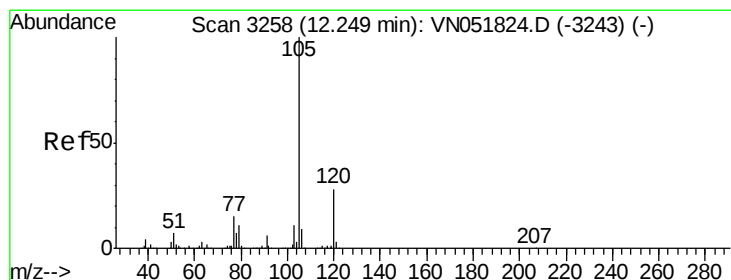
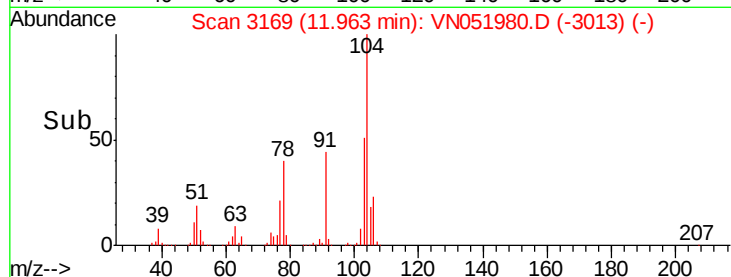
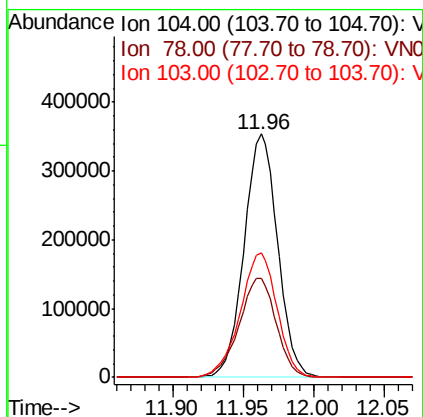
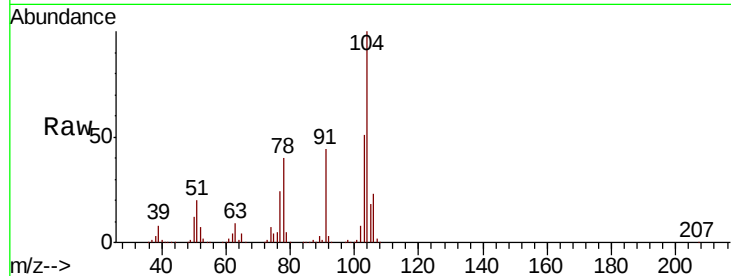
#69
Stvrene
Concen: 20.677 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	45.0	40.6	60.8
103	56.1	44.0	66.0

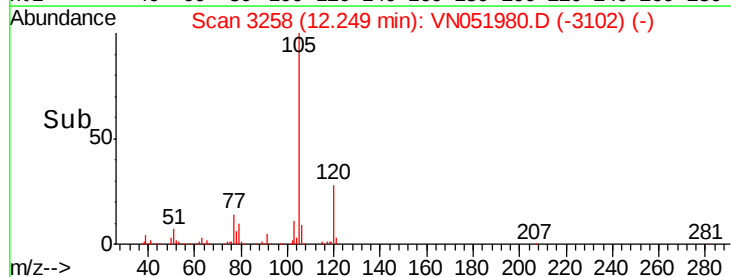
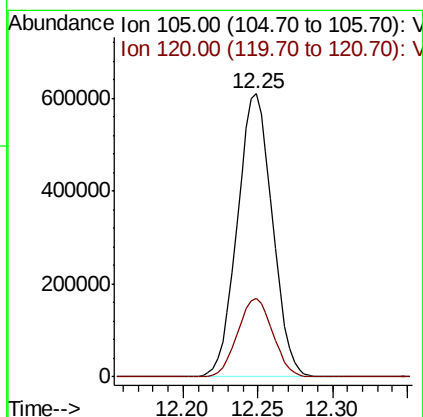
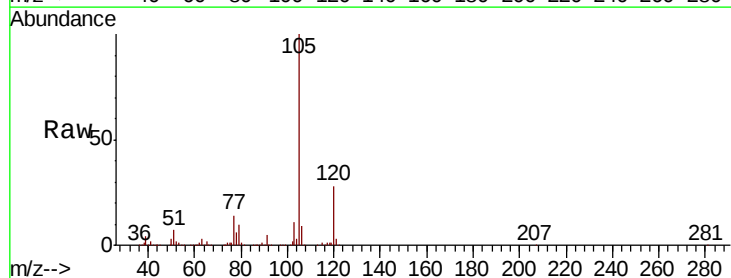
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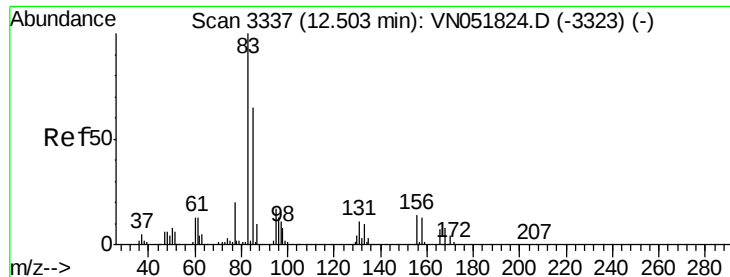
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#70
Isopropylbenzene
Concen: 20.025 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	19.0	35.4





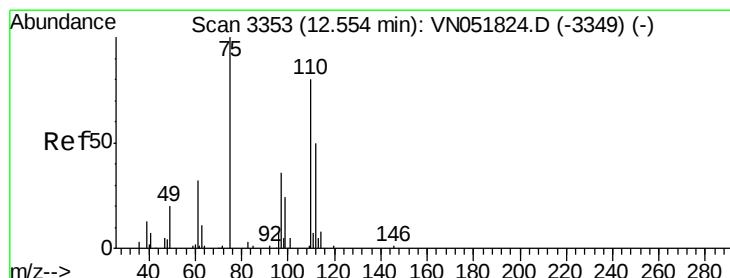
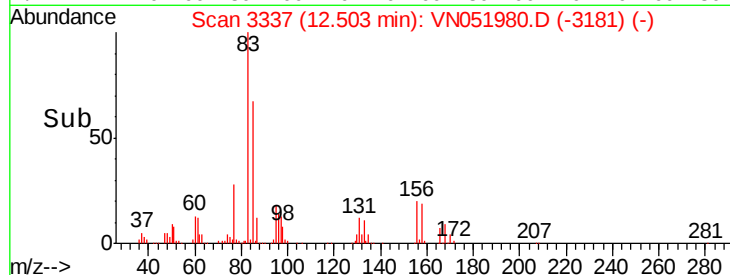
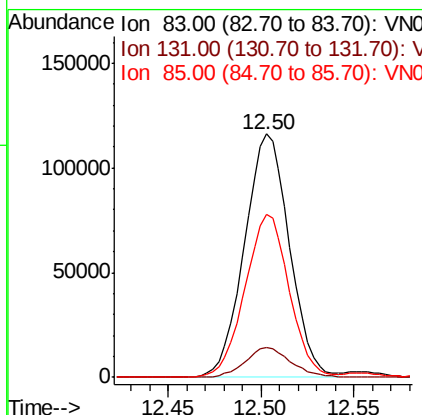
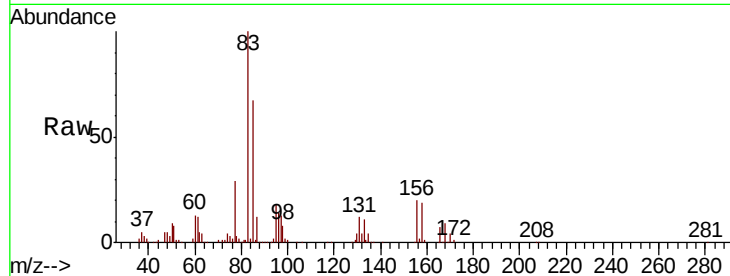
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.050 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	196413		
131	12.4	5.5	16.4	
85	65.8	30.6	91.8	

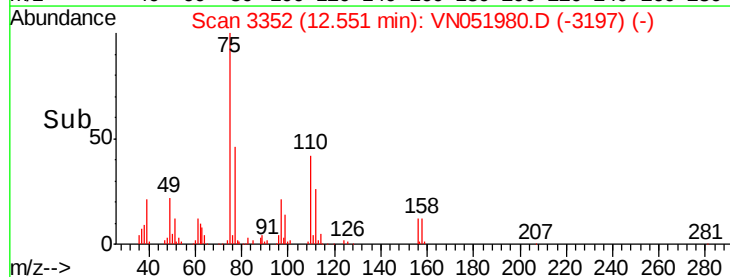
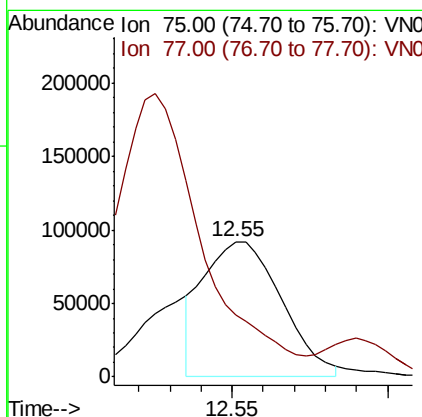
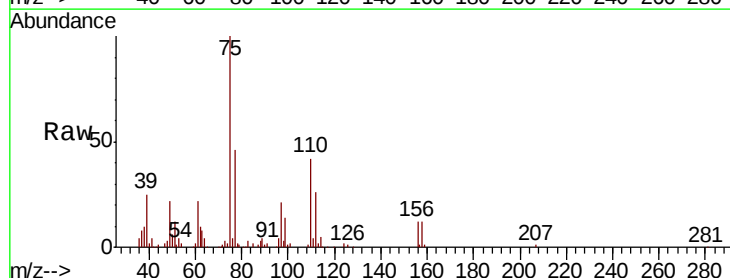
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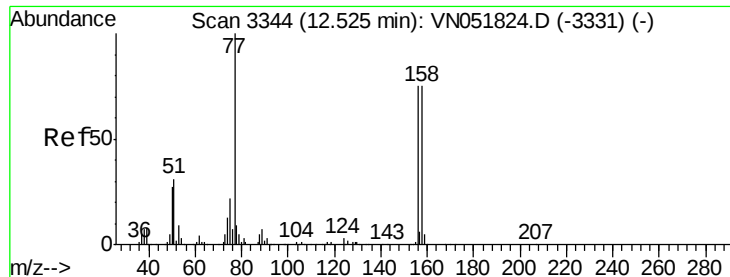
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#72
 1,2,3-Trichloropropane
 Concen: 20.919 ug/l m
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161214		
77	238.4	0.0	400.0	





#73

Bromobenzene

Concen: 21.699 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

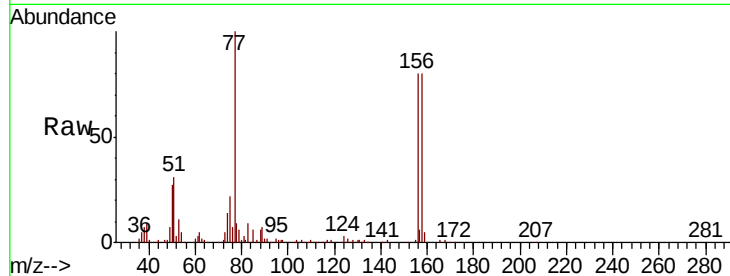
ClientSampleId :

VN1024WBS02

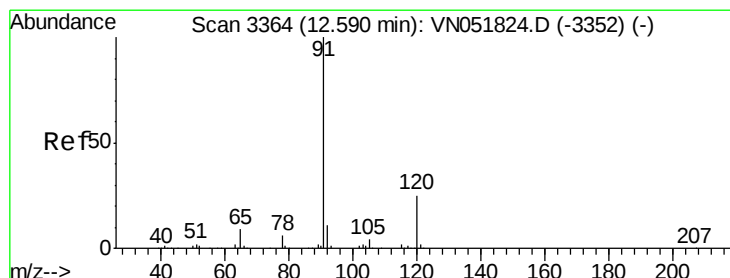
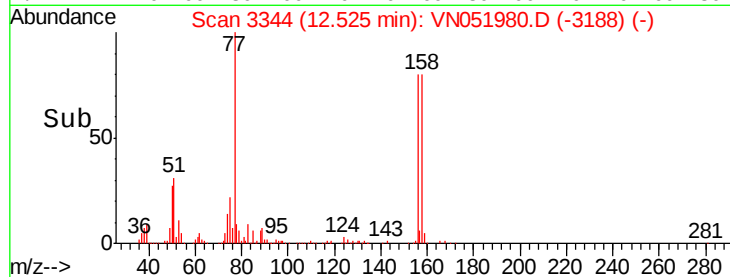
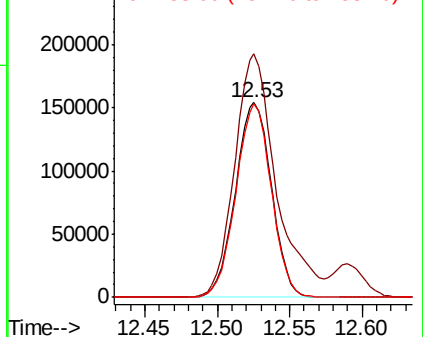
Tot Ion:	156	Resp:	266619
Ion Ratio	Lower	Upper	
156	100		
77	144.2	0.0	377.4
158	97.5	0.0	203.0

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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VN
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.280 ug/l

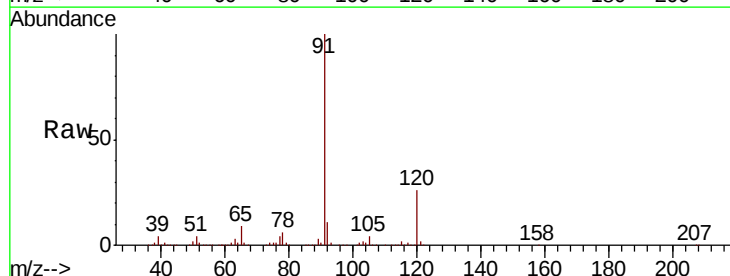
RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

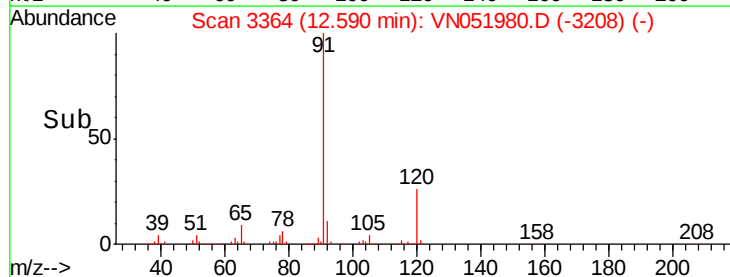
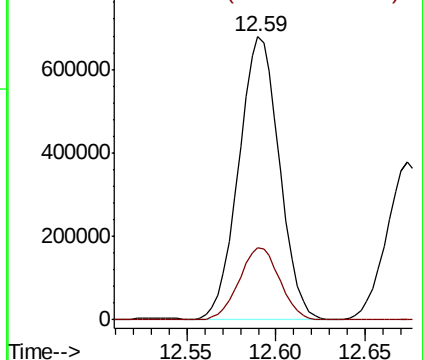
Lab File: VN051980.D

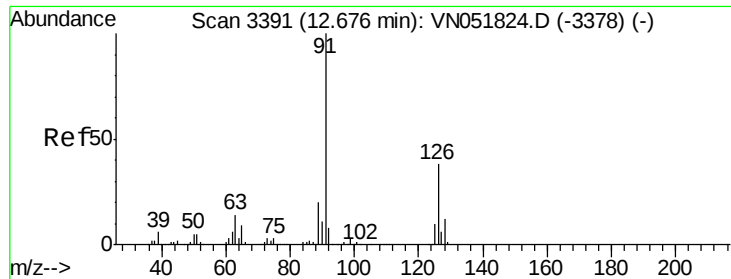
Acq: 24 Oct 2018 11:47

Tgt Ion:	91	Resp:	1082100
Ion Ratio	Lower	Upper	
91	100		
120	25.4	0.0	45.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.961 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS02

Tot Ion: 91 Resp: 624423

Ion Ratio Lower Upper

91 100

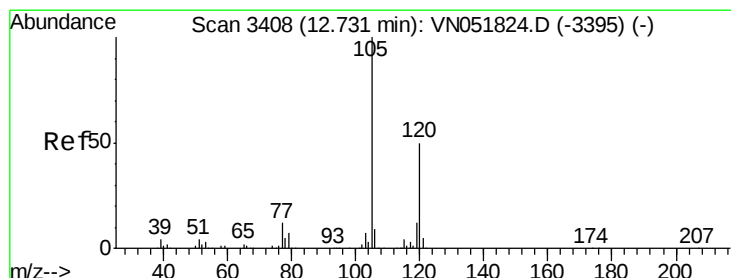
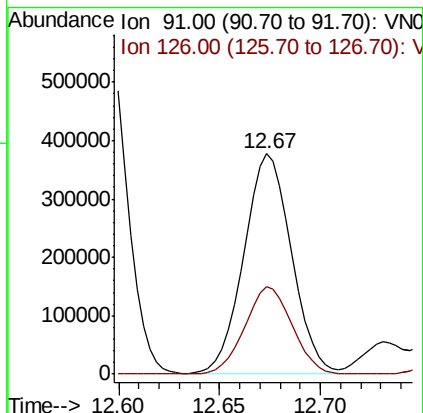
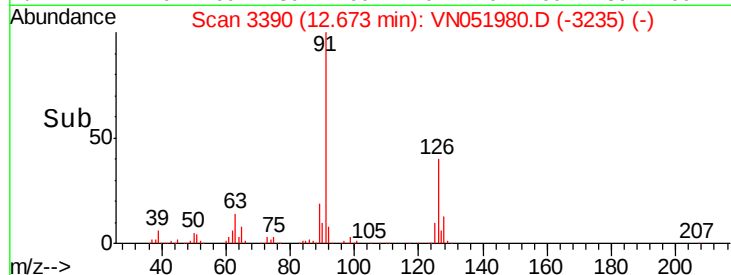
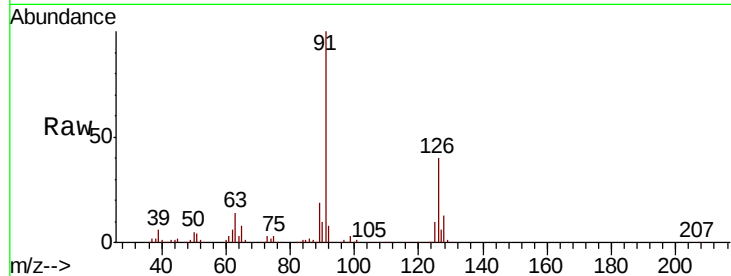
126 39.5 0.0 67.6

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#76

1,3,5-Trimethylbenzene

Concen: 19.940 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051980.D

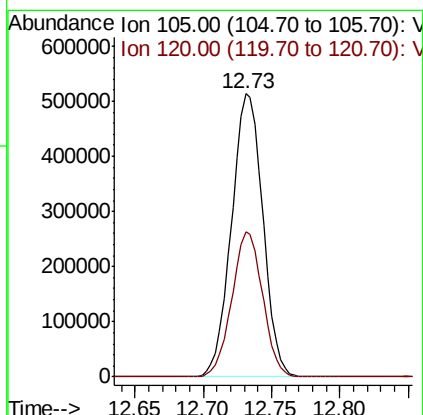
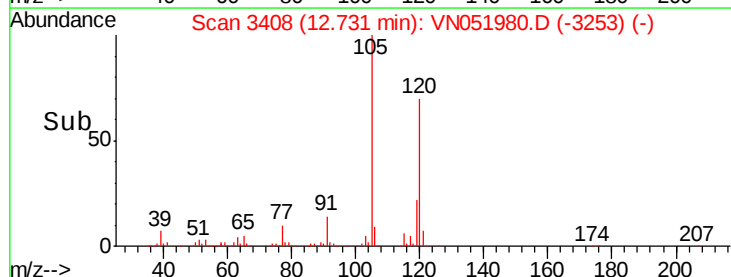
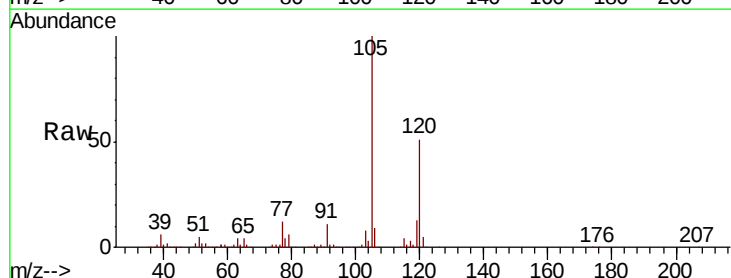
Acq: 24 Oct 2018 11:47

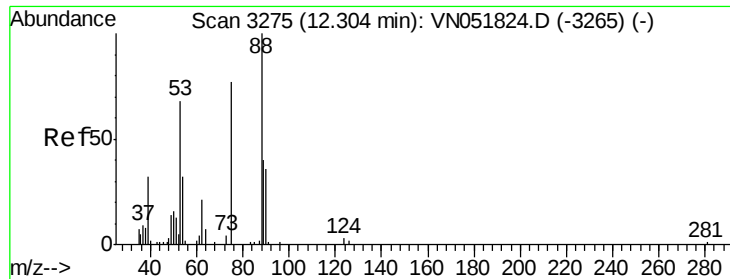
Tgt Ion: 105 Resp: 817947

Ion Ratio Lower Upper

105 100

120 50.6 0.0 98.2





#77

t-1,4-Dichloro-2-butene

Concen: 15.656 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Instrument :

MSVOA_N

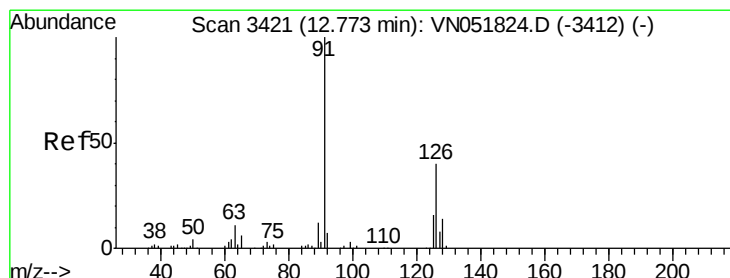
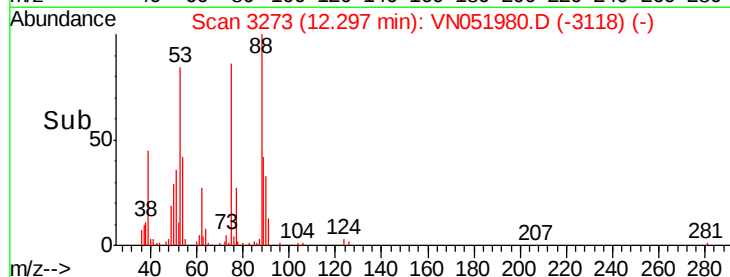
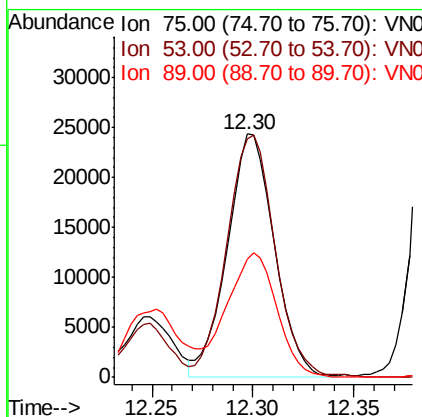
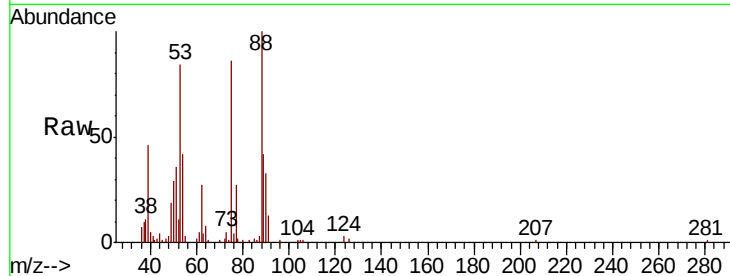
ClientSampleId :

VN1024WBS02

Tot Ion:	75	Resp:	39904
Ion	Ratio	Lower	Upper
75	100		
53	97.4	46.3	138.9
89	48.9	24.6	73.8

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#78

4-Chlorotoluene

Concen: 21.081 ug/l

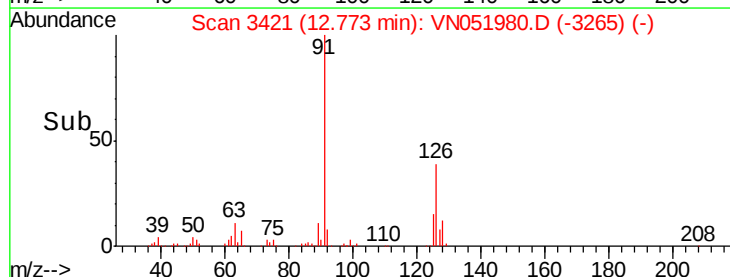
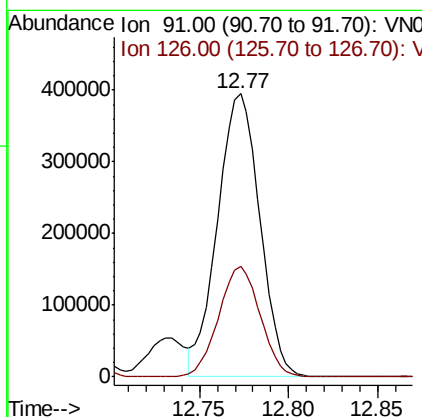
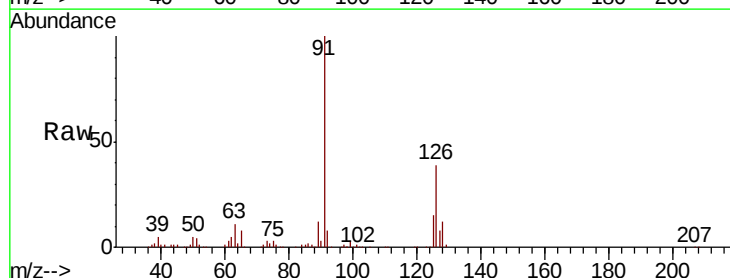
RT: 12.77 min Scan# 3421

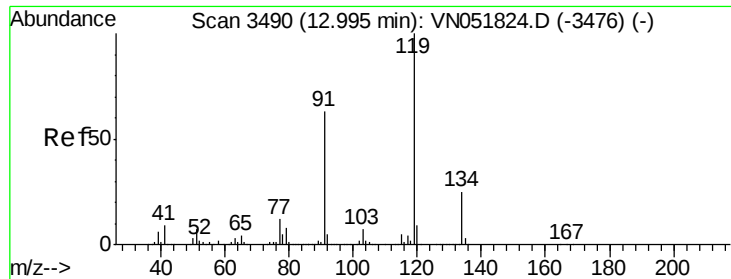
Delta R.T. 0.00 min

Lab File: VN051980.D

Acq: 24 Oct 2018 11:47

Tgt Ion:	91	Resp:	647936
Ion	Ratio	Lower	Upper
91	100		
126	38.3	0.0	65.2





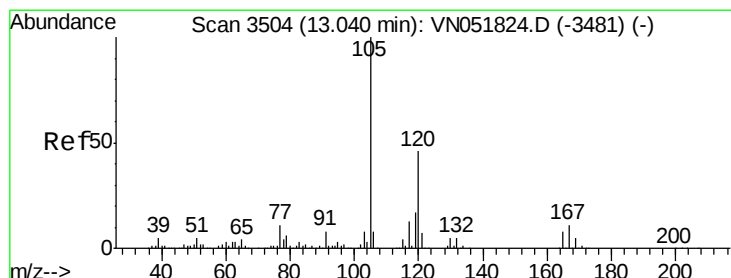
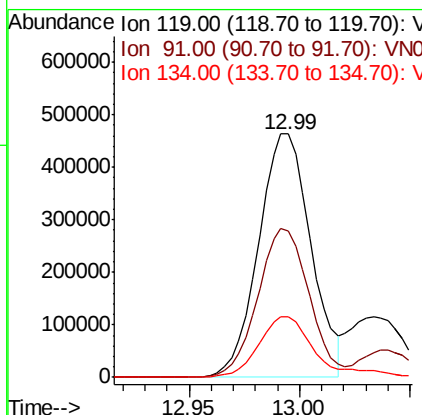
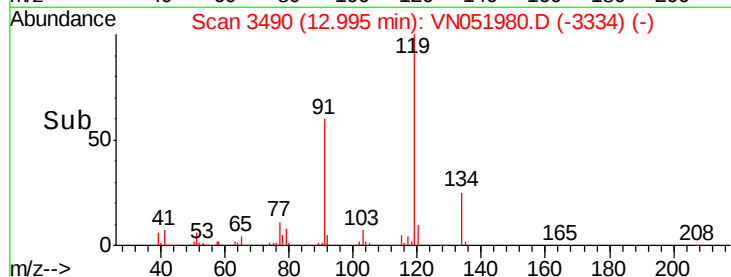
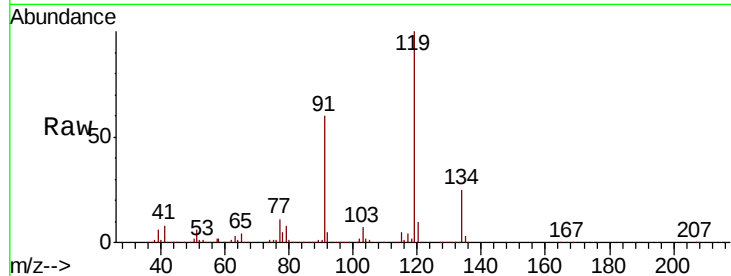
#79
tert-butylbenzene
Concen: 20.233 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	763256		
91	59.8		0.0	131.6
134	27.1		0.0	46.2

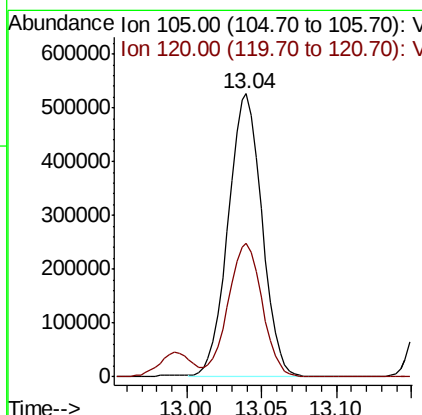
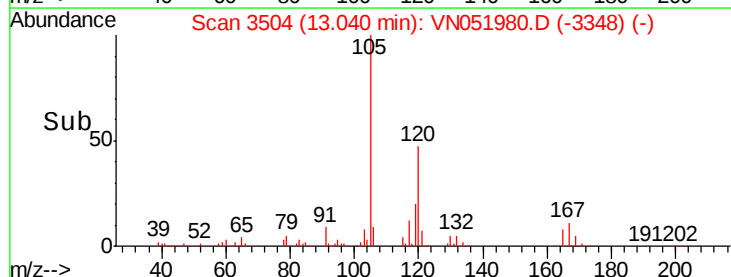
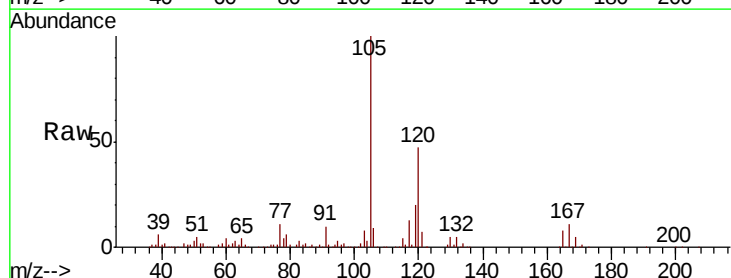
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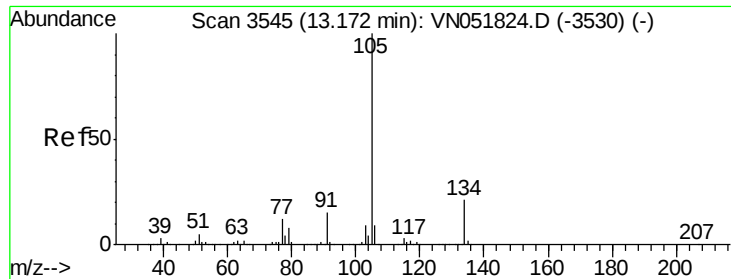
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#80
1,2,4-Trimethylbenzene
Concen: 20.205 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	828355		
120	47.3		0.0	89.6





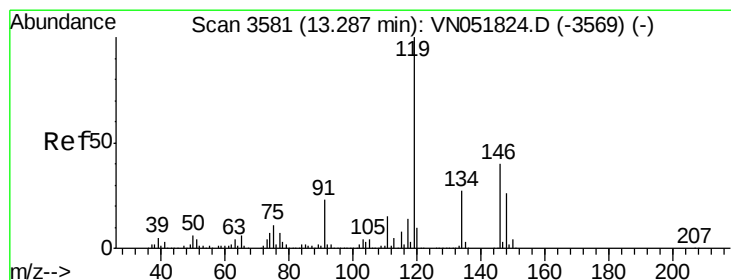
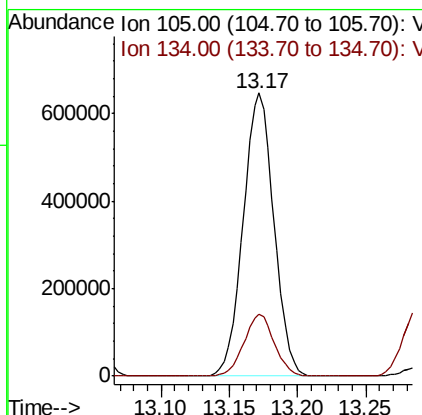
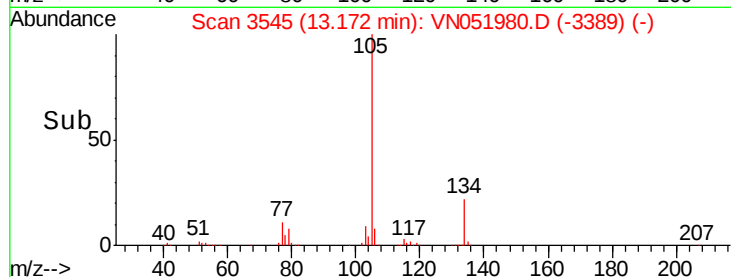
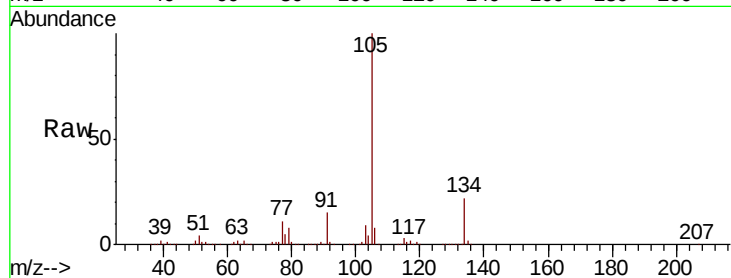
#81
 sec-Butylbenzene
 Concen: 20.405 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion:105 Resp: 1006948
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 39.4

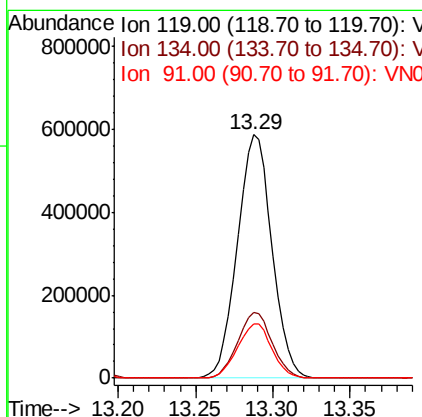
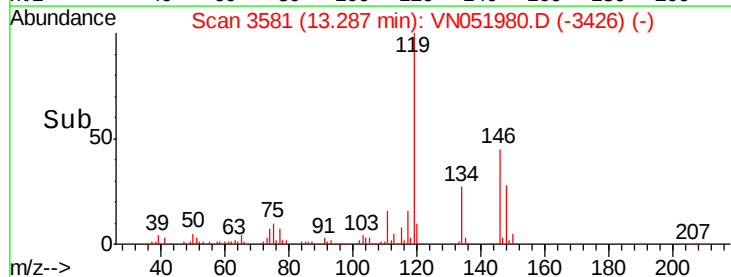
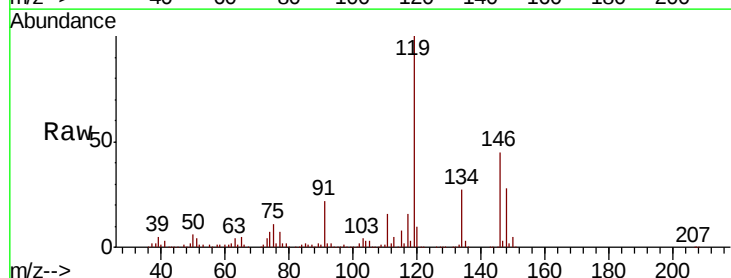
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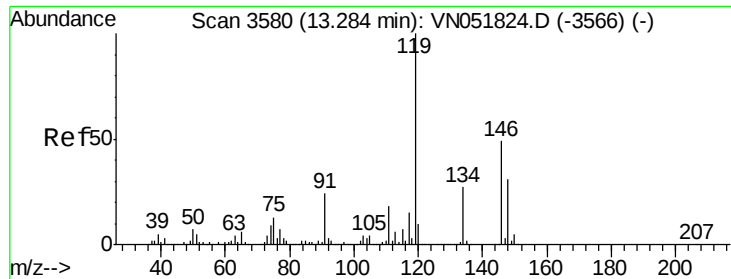
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#82
 p-Isopropyltoluene
 Concen: 20.611 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion:119 Resp: 910190
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 53.6
 91 22.3 0.0 52.0





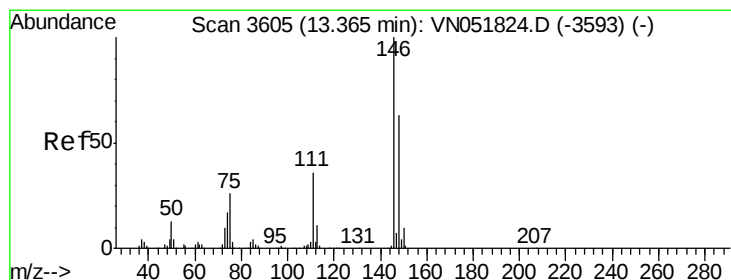
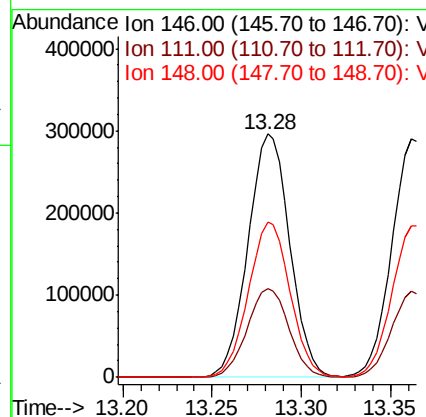
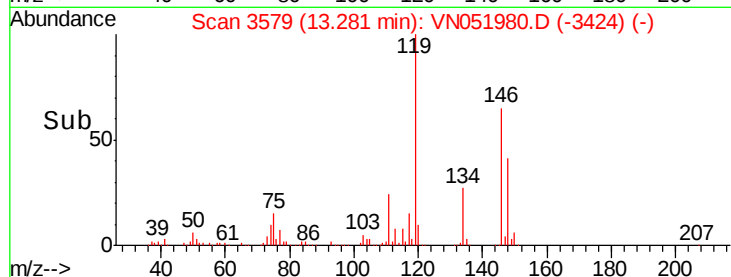
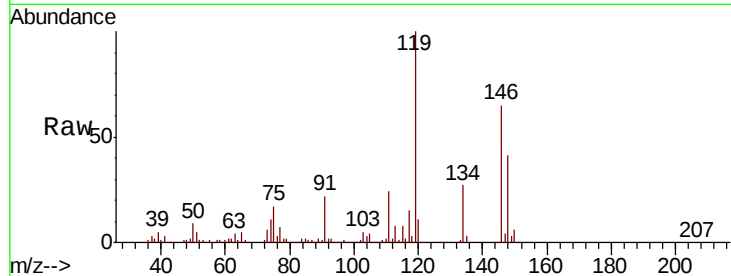
#83
 1,3-Dichlorobenzene
 Concen: 22.297 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.3
148	63.8	31.3	93.8

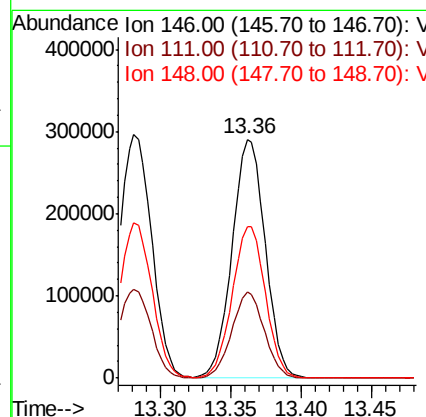
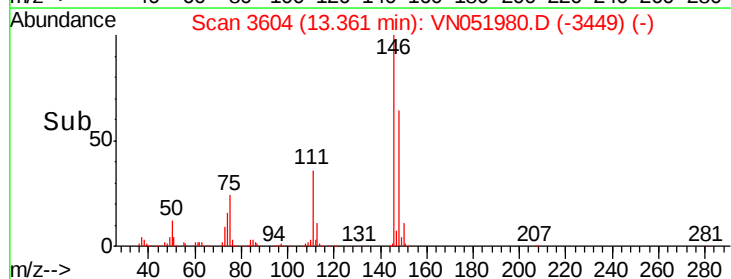
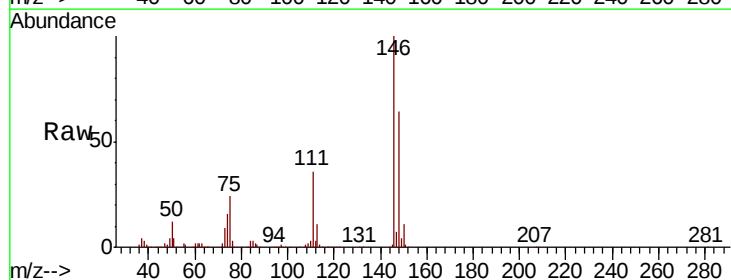
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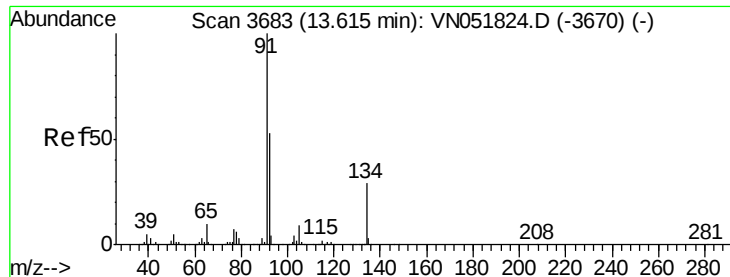
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#84
 1,4-Dichlorobenzene
 Concen: 23.370 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.4	52.2
148	63.6	32.8	98.3





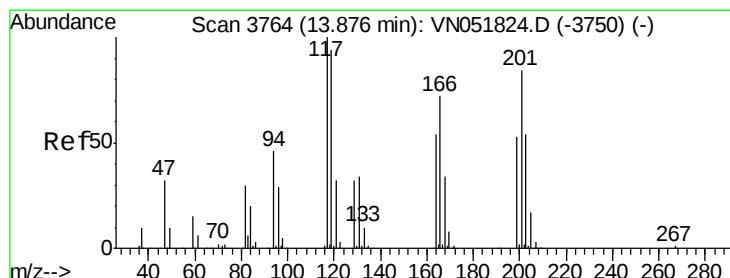
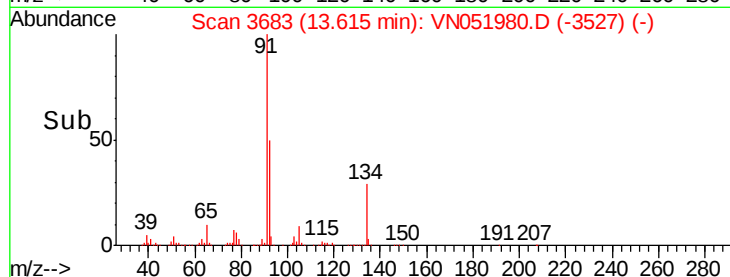
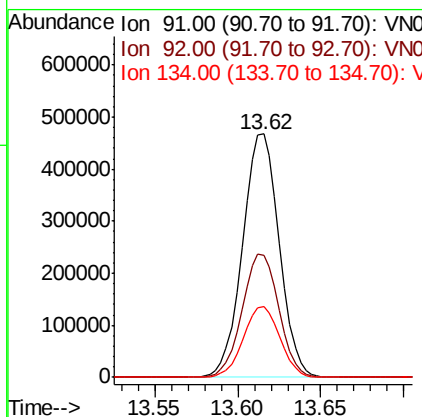
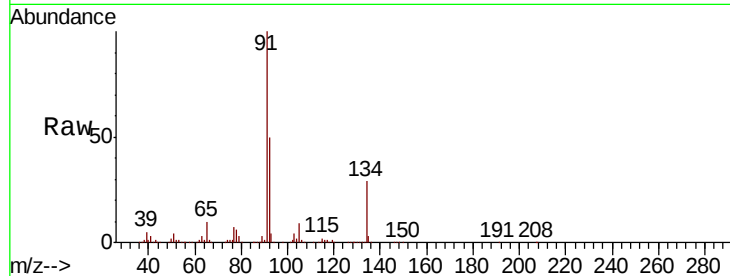
#85
n-Butylbenzene
Concen: 21.497 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	0.0	97.4
134	29.2	0.0	49.6

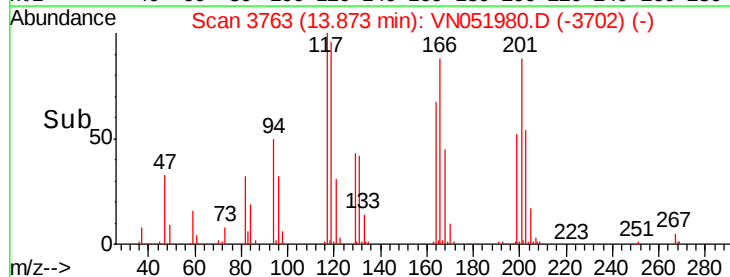
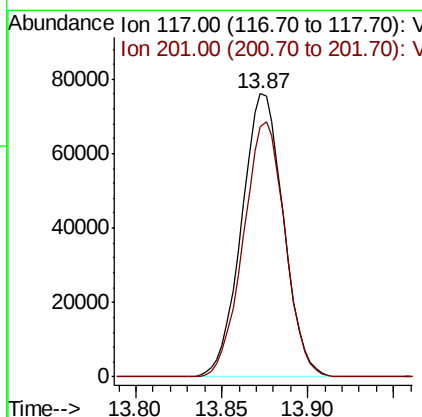
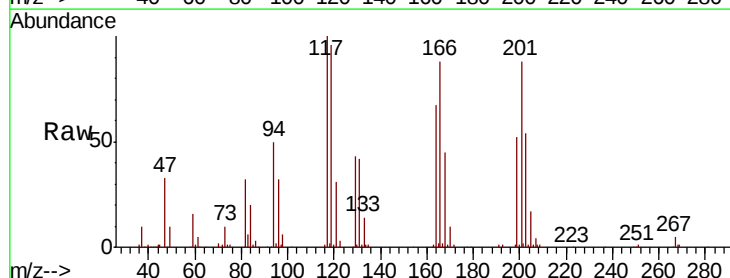
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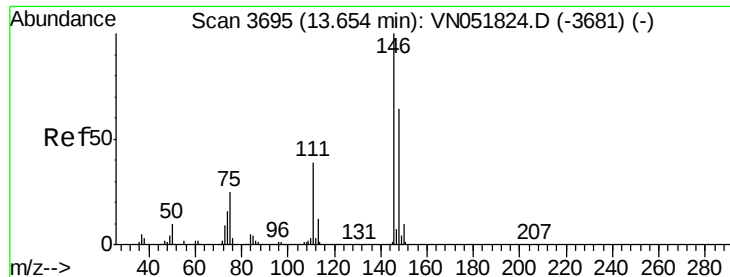
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#86
Hexachloroethane
Concen: 16.894 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	47.8	143.3





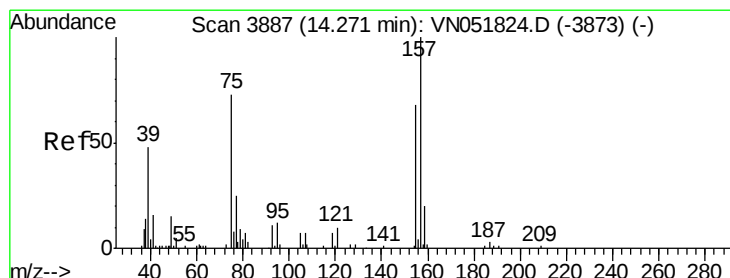
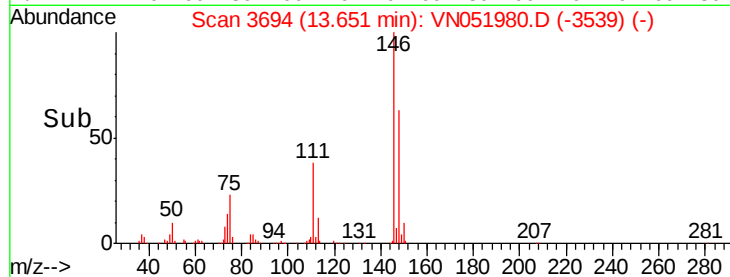
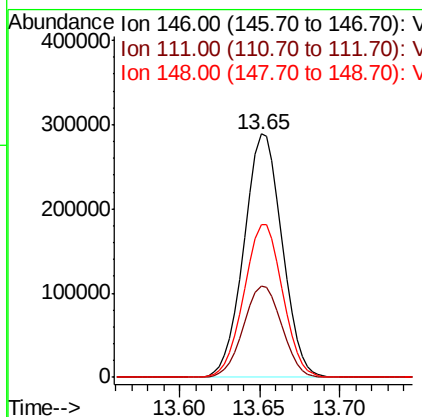
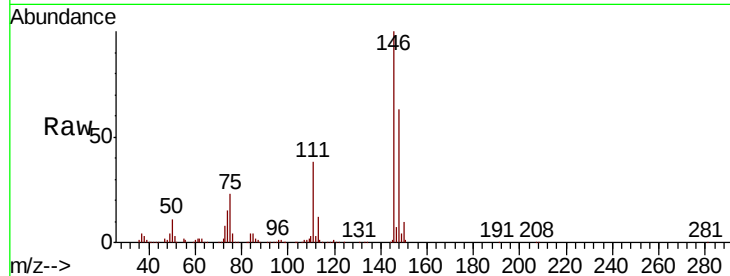
#87
 1,2-Dichlorobenzene
 Concen: 22.367 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.8	62.2
148	63.6	33.2	99.6

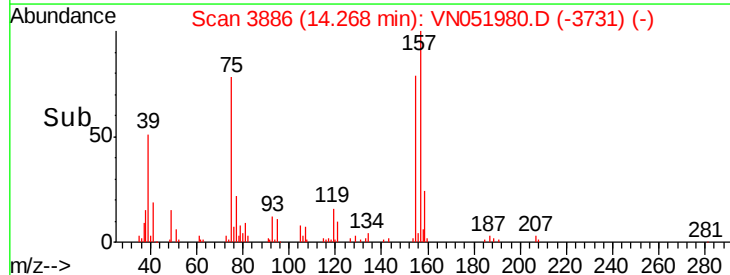
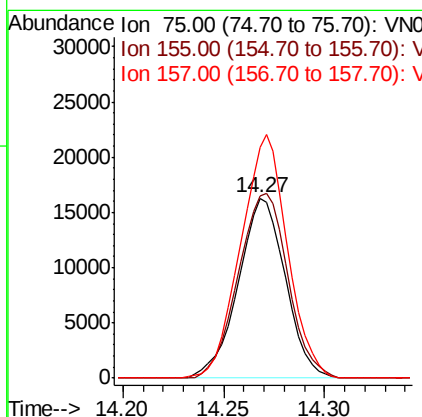
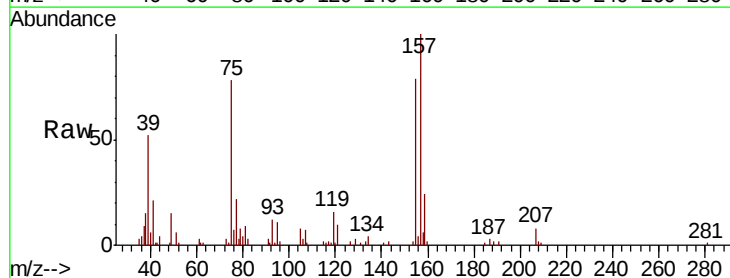
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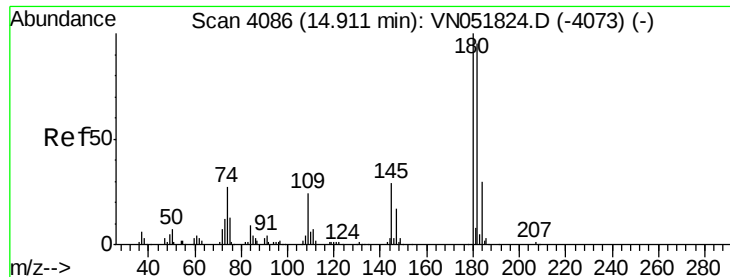
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.175 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051980.D
 Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.4	57.0	85.6#
157	134.2	87.4	131.0#





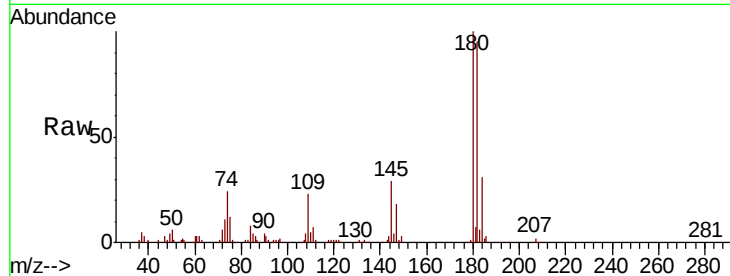
#89
1,2,4-Trichlorobenzene
Concen: 25.403 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
145	28.3	23.4	35.2

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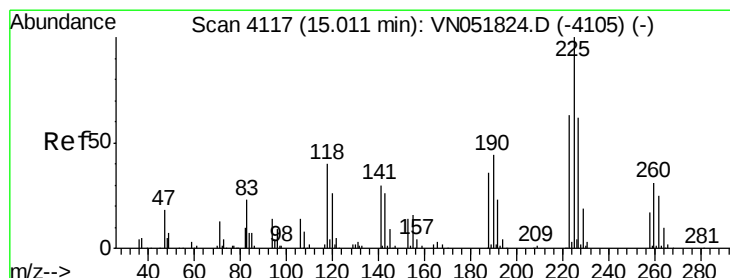
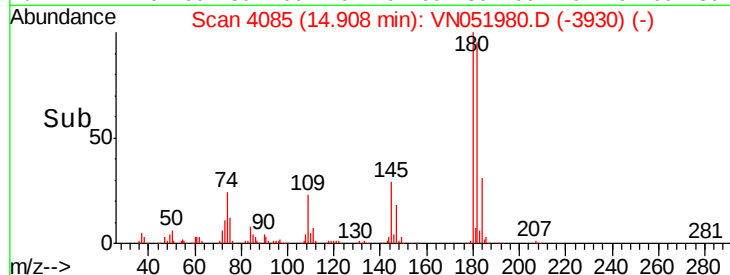
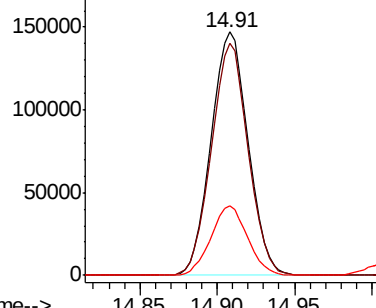


Abundance

Ion 180.00 (179.70 to 180.70): V

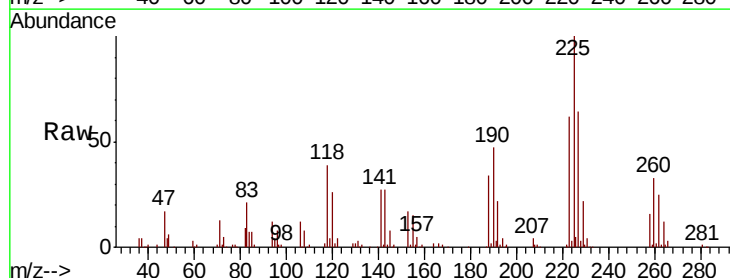
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
Hexachlorobutadiene
Concen: 20.376 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	117.0
227	65.2	0.0	127.0

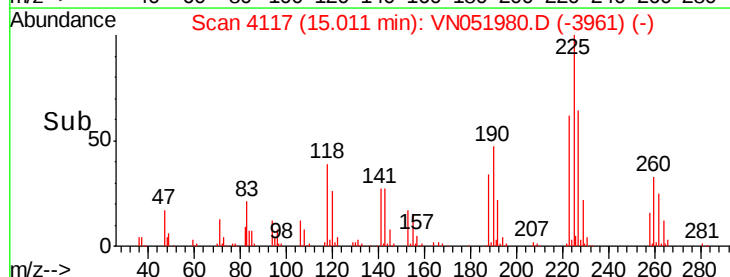
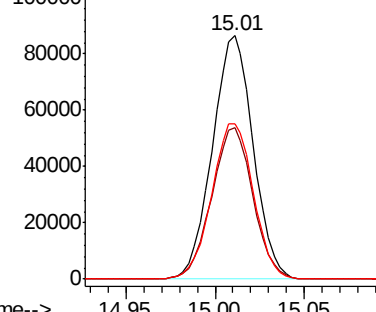


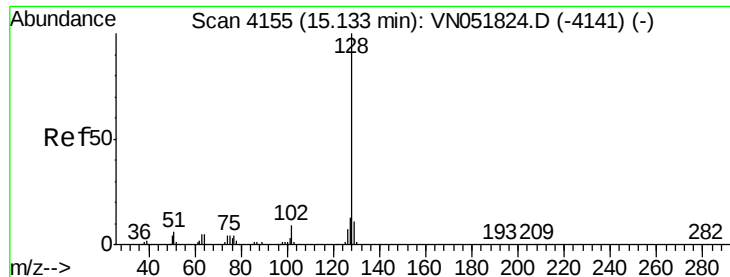
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





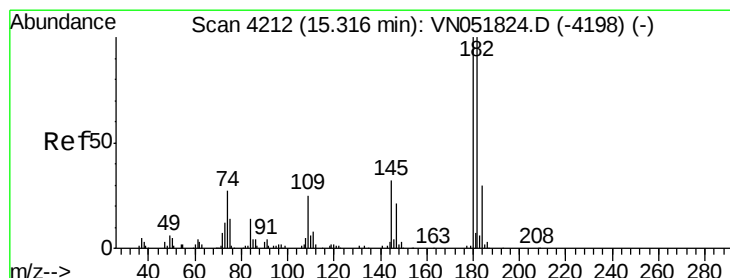
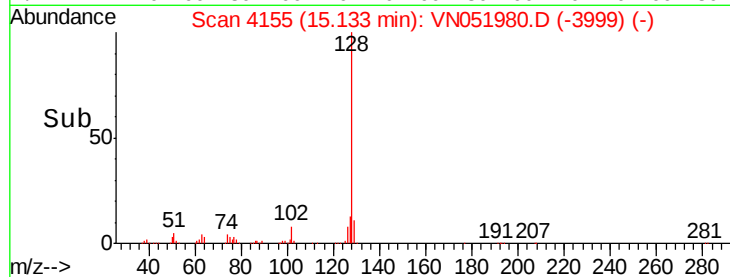
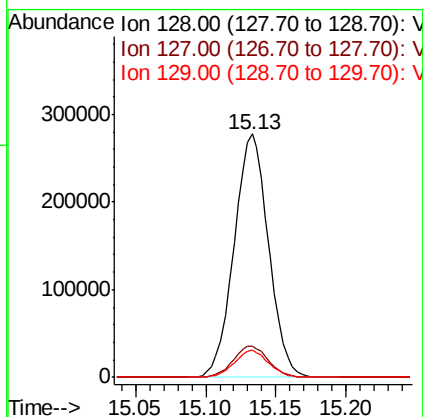
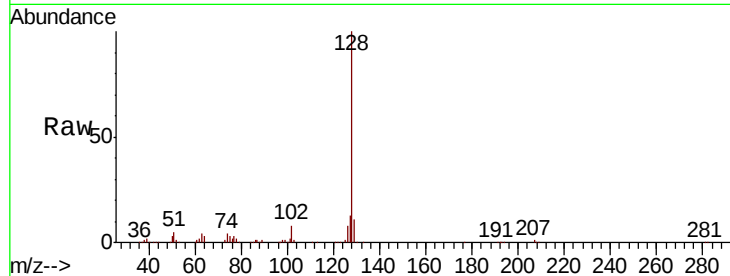
#91
Naphthalene
Concen: 25.038 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.4	12.6

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#92
1,2,3-Trichlorobenzene
Concen: 22.377 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN051980.D
Acq: 24 Oct 2018 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	198.0
145	30.3	0.0	36.8

