

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059780.D
 Acq On : 20 Jan 2020 12:20
 Operator : JC/MD
 Sample : VN0120MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 11:01:03 AM

Quant Time: Jan 21 01:31:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	295767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106215	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.56	113	89258	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.08	98	335258	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.40	95	118290	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43131	18.360	ug/l	95
3) Chloromethane	2.04	50	40366	18.014	ug/l	100
4) Vinyl Chloride	2.17	62	50241	19.595	ug/l	97
5) Bromomethane	2.54	94	31149	19.908	ug/l	97
6) Chloroethane	2.68	64	23265	19.180	ug/l	99
7) Trichlorofluoromethane	3.00	101	59261	19.246	ug/l	97
8) Diethyl Ether	3.38	74	21548	19.941	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34514	20.140	ug/l	92
10) Methyl Iodide	3.93	142	51694	18.662	ug/l	96
11) Tert butyl alcohol	4.73	59	34765	95.008	ug/l	99
12) 1,1-Dichloroethene	3.72	96	33495	18.705	ug/l	93
13) Acrolein	3.58	56	14173	54.717	ug/l	98
14) Allyl chloride	4.30	41	46324	19.192	ug/l #	87
15) Acrylonitrile	4.95	53	80726	96.714	ug/l	99
16) Acetone	3.78	43	74775	94.641	ug/l	97
17) Carbon Disulfide	4.03	76	90113	17.665	ug/l	99
18) Methyl Acetate	4.29	43	49548	19.515	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	114574	19.624	ug/l	95
20) Methylene Chloride	4.52	84	39461	19.271	ug/l #	85
21) trans-1,2-Dichloroethene	5.01	96	36373	19.108	ug/l	86
22) Diisopropyl ether	5.91	45	104624	19.127	ug/l #	90
23) Vinyl Acetate	5.86	43	403259	95.221	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	62840	18.802	ug/l	99
25) 2-Butanone	6.80	43	106906	86.851	ug/l #	90
26) 2,2-Dichloropropane	6.80	77	59578	18.542	ug/l	94
27) cis-1,2-Dichloroethene	6.80	96	42301	19.321	ug/l	87
28) Bromochloromethane	7.17	49	24913	18.650	ug/l #	72
29) Tetrahydrofuran	7.18	42	69403	91.129	ug/l	88
30) Chloroform	7.35	83	67833	19.588	ug/l	97
31) Cyclohexane	7.63	56	57129	17.764	ug/l #	84
32) 1,1,1-Trichloroethane	7.55	97	62007	19.366	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50051	19.432	ug/l	95
37) Ethyl Acetate	6.90	43	44759	18.528	ug/l #	93
38) Carbon Tetrachloride	7.75	117	55457	19.794	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59993	18.890	ug/l	90
40) Benzene	8.02	78	145720	18.970	ug/l	100
41) Methacrylonitrile	7.15	41	20028m	16.832	ug/l	
42) 1,2-Dichloroethane	8.10	62	52042	19.982	ug/l	95
43) Isopropyl Acetate	8.14	43	77042	18.541	ug/l #	95
44) Trichloroethene	8.82	130	42672	20.349	ug/l	96
45) 1,2-Dichloropropane	9.10	63	37727	19.848	ug/l	99
46) Dibromomethane	9.19	93	27019	20.151	ug/l	90
47) Bromodichloromethane	9.39	83	54485	20.165	ug/l #	99
48) Methyl methacrylate	9.18	41	34099	18.347	ug/l	88
49) 1,4-Dioxane	9.18	88	13681	402.097	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	222005	92.426	ug/l	95
52) Toluene	10.14	92	94729	19.524	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	58907	19.525	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	63512	20.007	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	38356	19.960	ug/l	98
56) Ethyl methacrylate	10.42	69	54428	18.536	ug/l	94
57) 1,3-Dichloropropane	10.70	76	60693	19.894	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	91677	103.657	ug/l	90
59) 2-Hexanone	10.74	43	157847	89.202	ug/l	92
60) Dibromochloromethane	10.89	129	43507	19.881	ug/l	98
61) 1,2-Dibromoethane	10.99	107	40797	20.255	ug/l	97
64) Tetrachloroethene	10.62	164	43321	20.022	ug/l	93
65) Chlorobenzene	11.43	112	105064	20.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	40744	20.208	ug/l	98
67) Ethyl Benzene	11.50	91	183974	19.422	ug/l	99
68) m/p-Xylenes	11.62	106	141292	39.488	ug/l	93
69) o-Xylene	11.94	106	69109	19.728	ug/l	93
70) Styrene	11.96	104	112134	19.130	ug/l	96
71) Bromoform	12.12	173	32798	20.308	ug/l #	98
73) Isopropylbenzene	12.25	105	181606	19.844	ug/l	99
74) N-amyl acetate	12.07	43	64000	18.022	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	51246	19.316	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	47584m	22.659	ug/l	
77) Bromobenzene	12.52	156	47599	20.538	ug/l	80
78) n-propylbenzene	12.59	91	203519	19.813	ug/l	97
79) 2-Chlorotoluene	12.67	91	120864	19.779	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	153871	19.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18520	18.939	ug/l	93
82) 4-Chlorotoluene	12.77	91	122715	20.021	ug/l	95
83) tert-Butylbenzene	12.99	119	130833	19.655	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	153589	20.171	ug/l	99
85) sec-Butylbenzene	13.17	105	172944	19.775	ug/l	99
86) p-Isopropyltoluene	13.29	119	159253	19.679	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	80738	20.055	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	81500	20.293	ug/l	98
89) n-Butylbenzene	13.61	91	133004	19.276	ug/l	98
90) Hexachloroethane	13.87	117	29541	19.511	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	80027	20.108	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11738	19.332	ug/l	85

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47788	19.983	ug/l	99
94) Hexachlorobutadiene	15.01	225	25813	19.587	ug/l	98
95) Naphthalene	15.13	128	128044	18.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45763	19.660	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion:168 Resp: 195729

Ion Ratio Lower Upper

168 100

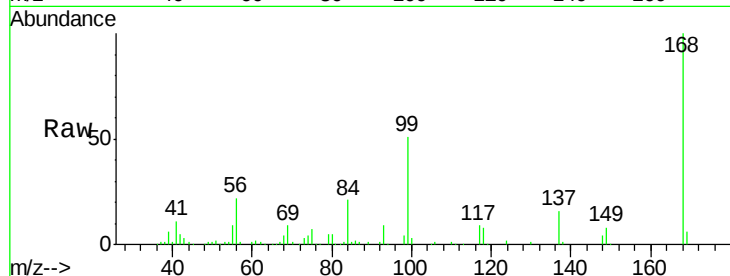
99 51.4 48.2 72.4

Manual Integrations

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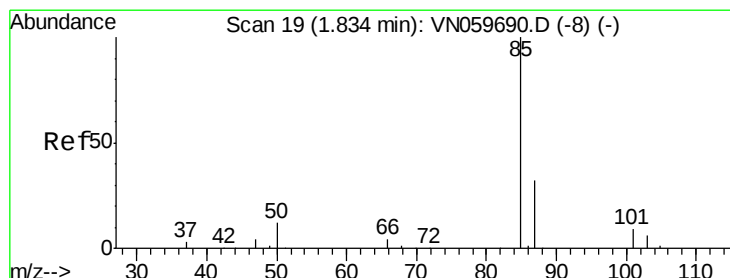
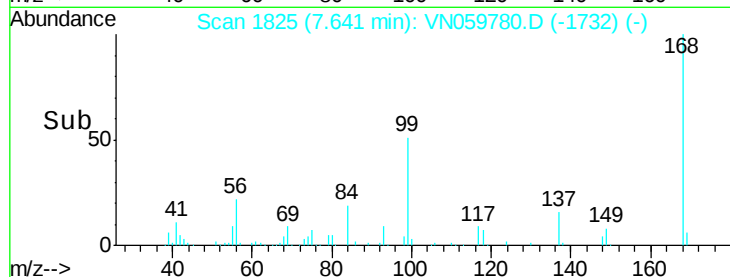


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

Time-->



#2

Dichlorodifluoromethane

Concen: 18.360 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059780.D

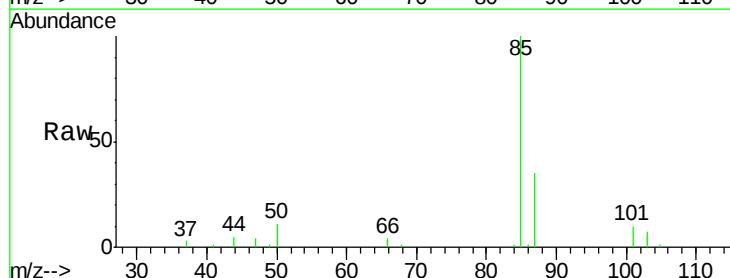
Acq: 20 Jan 2020 12:20

Tgt Ion: 85 Resp: 43131

Ion Ratio Lower Upper

85 100

87 34.6 15.9 47.7

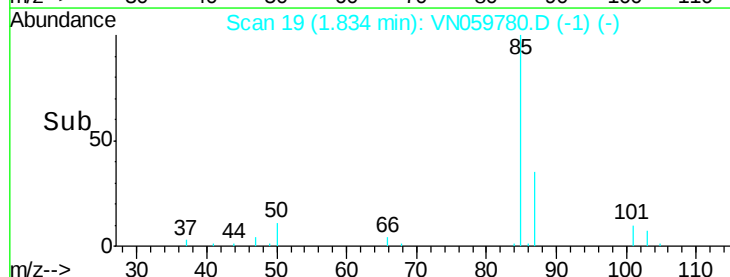


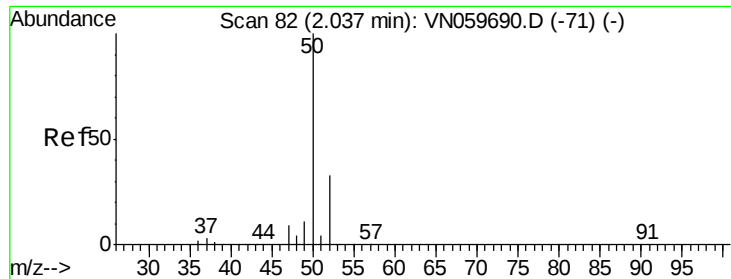
Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

Time-->





#3

Chloromethane

Concen: 18.014 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion: 50 Resp: 40366

Ion Ratio Lower Upper

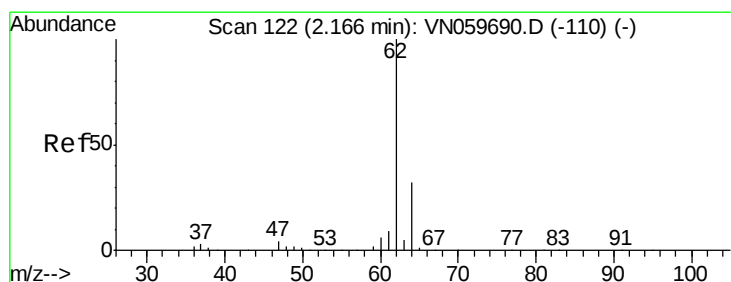
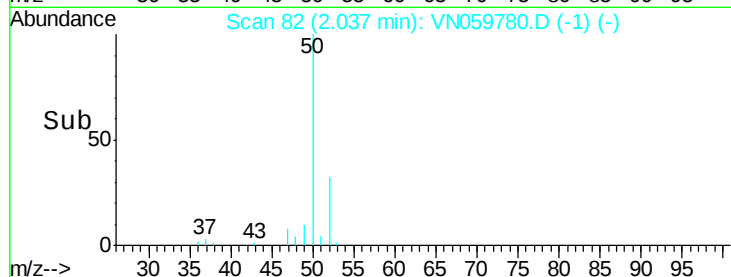
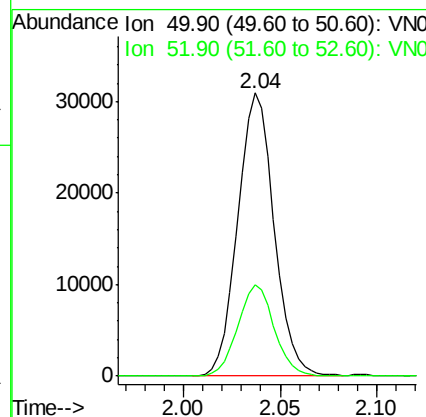
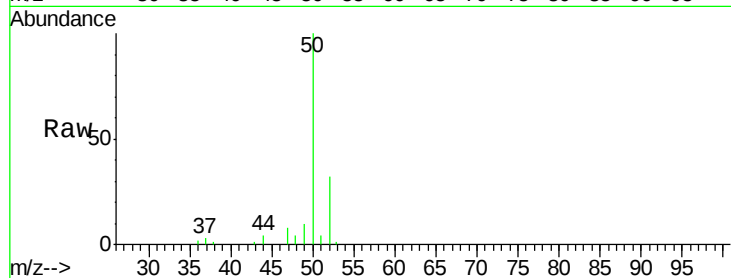
50 100

52 32.2 25.9 38.9

Manual Integrations
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1/21/2020 11:01:03 AM



#4

Vinyl Chloride

Concen: 19.595 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059780.D

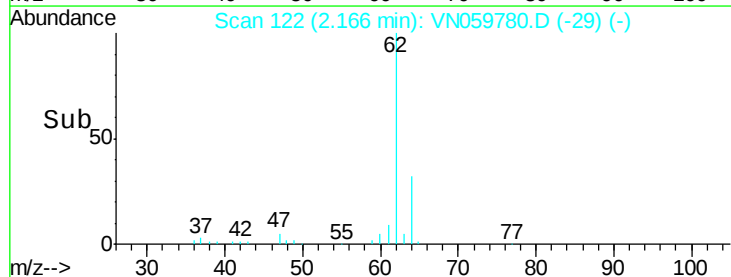
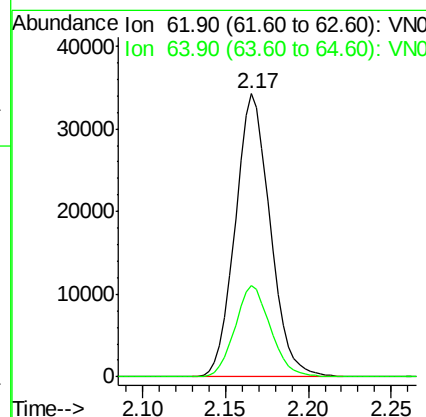
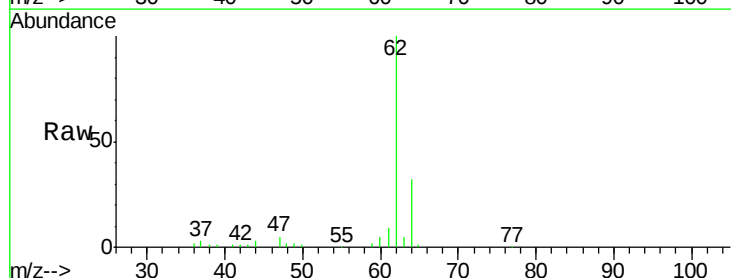
Acq: 20 Jan 2020 12:20

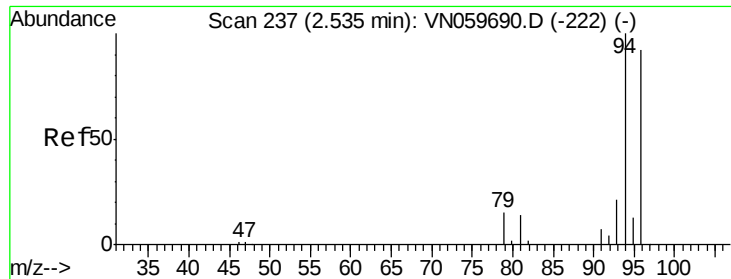
Tgt Ion: 62 Resp: 50241

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





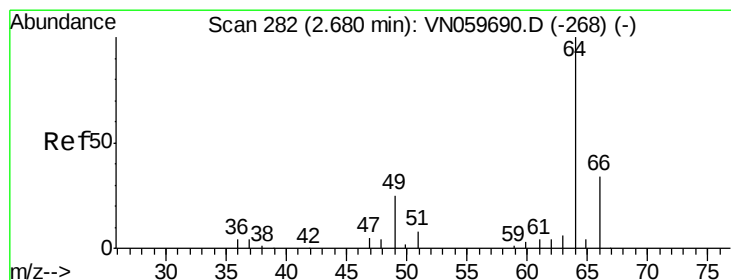
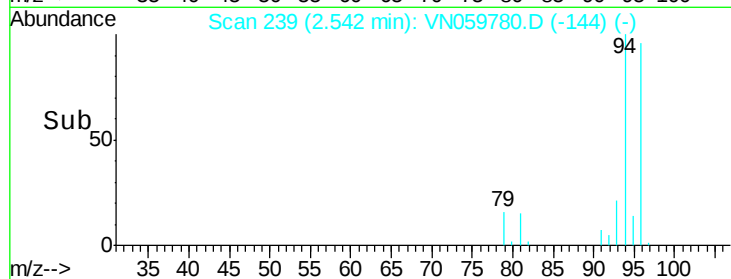
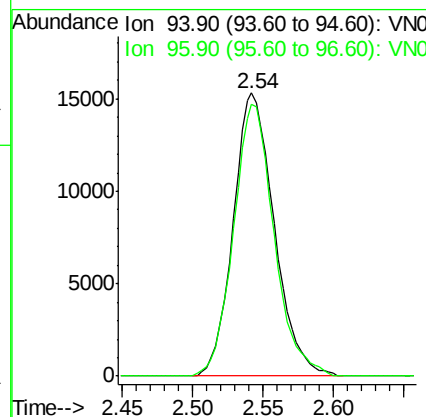
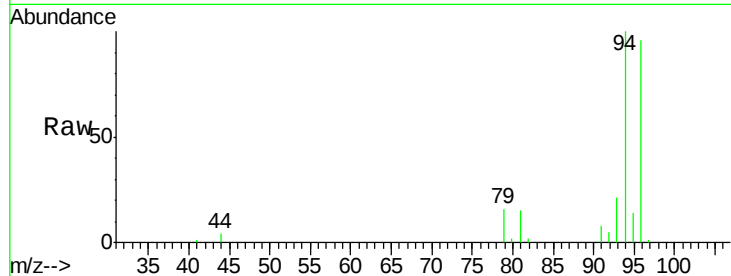
#5
Bromomethane
Concen: 19.908 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
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Tot Ion: 94 Resp: 31149
Ion Ratio Lower Upper
94 100
96 96.0 74.7 112.1

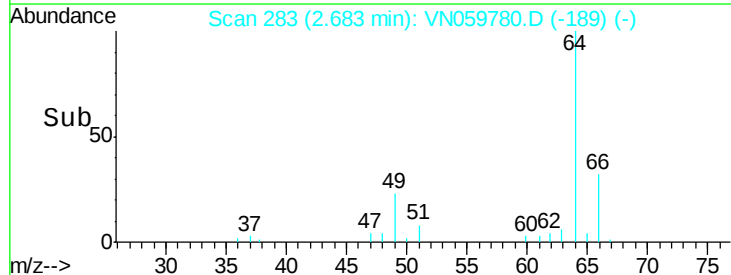
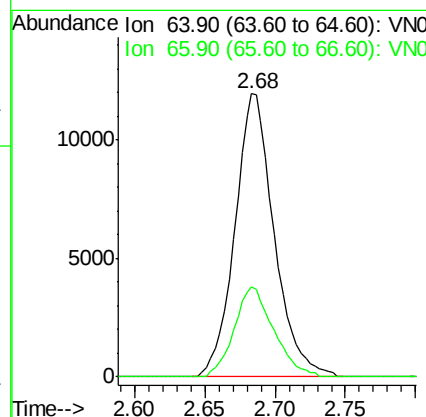
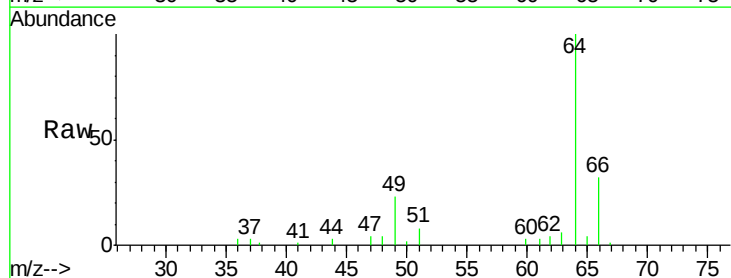
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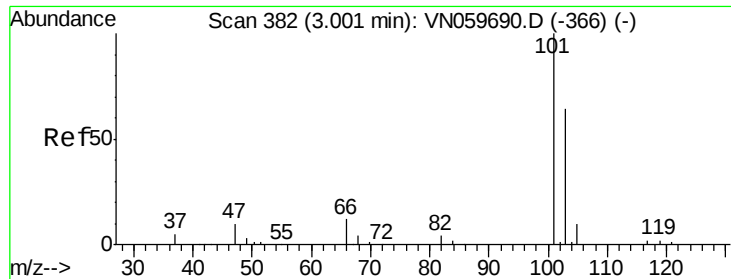
MMDadoda
1/21/2020 11:01:03 AM



#6
Chloroethane
Concen: 19.180 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion: 64 Resp: 23265
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7

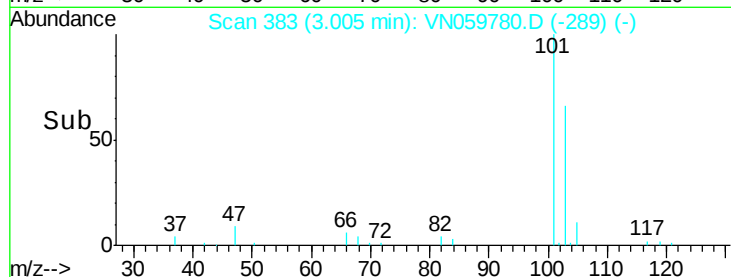
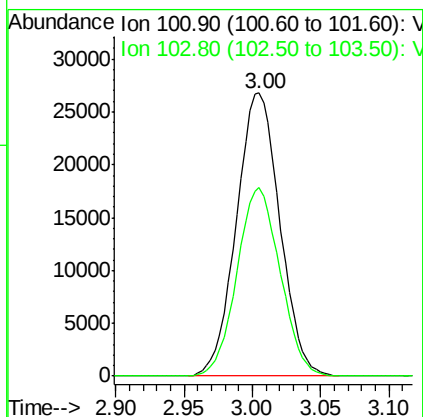
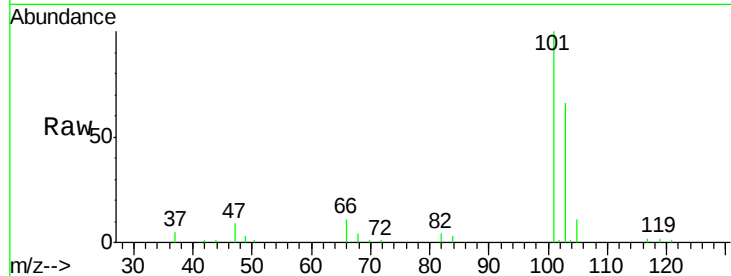
Trichlorofluoromethane
Concen: 19.246 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampled :
VN0120MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		59261		
103	66.4	51.0	76.6		

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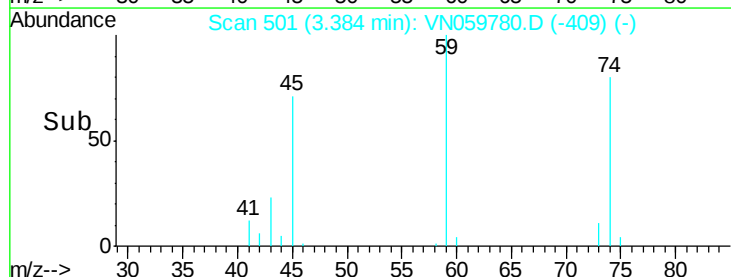
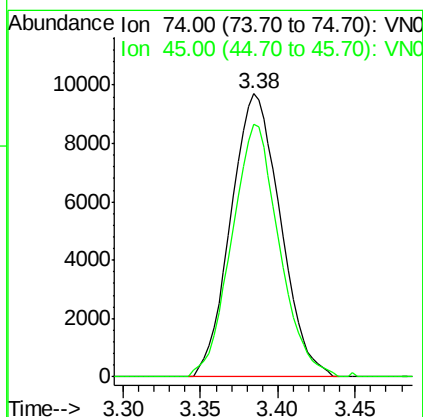
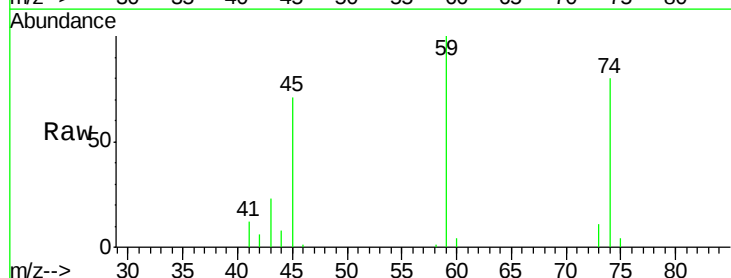
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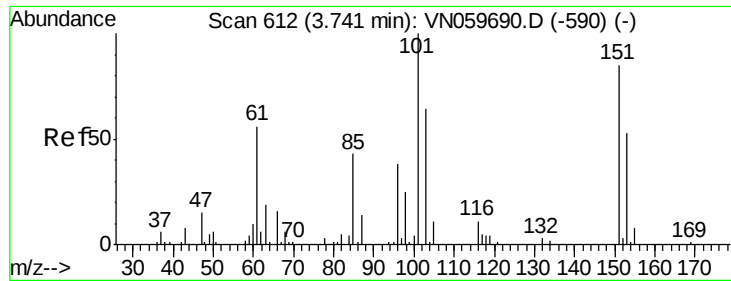


#8

Diethyl Ether
Concen: 19.941 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		21548		
45	85.6	51.9	155.8		





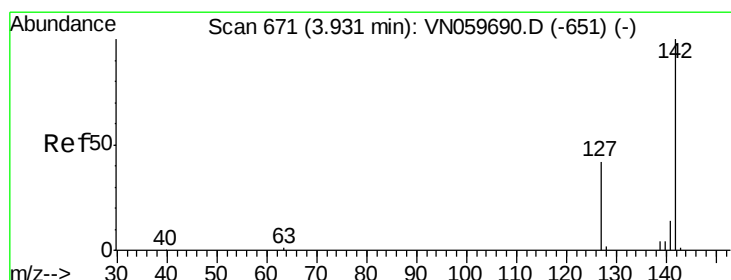
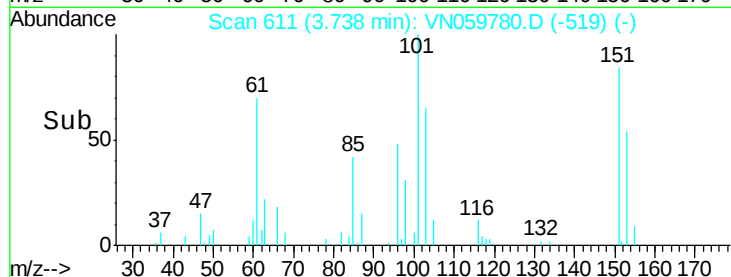
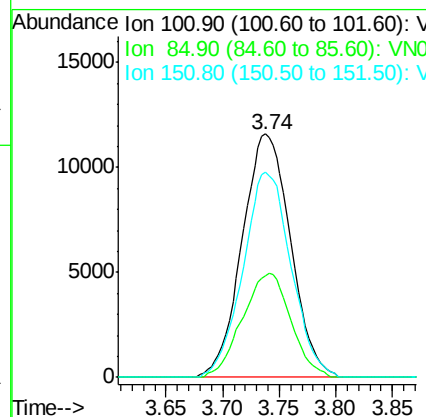
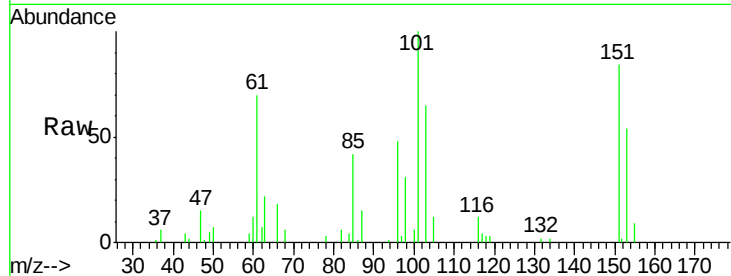
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.140 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059780.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.8	36.6	54.8
151	83.7	59.7	89.5

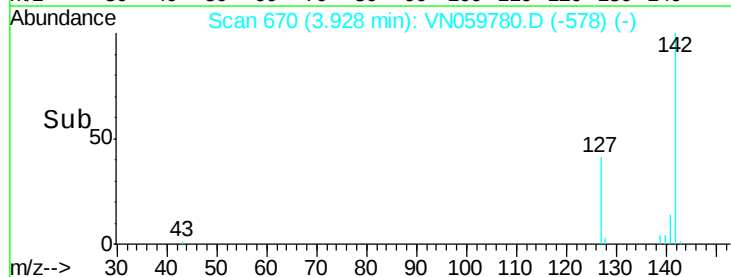
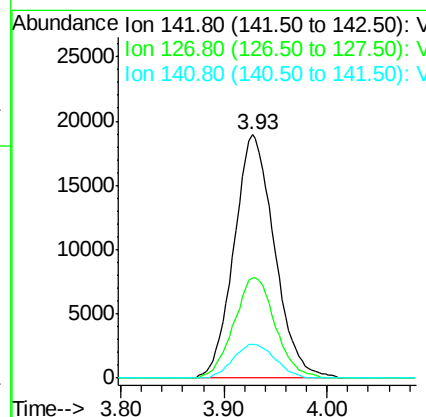
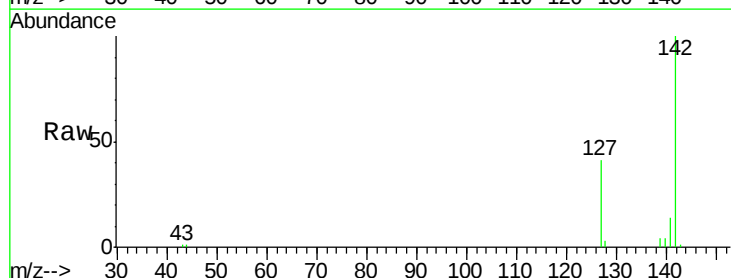
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#10
Methyl Iodide
Concen: 18.662 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.3	36.7	55.1
141	14.3	11.7	17.5





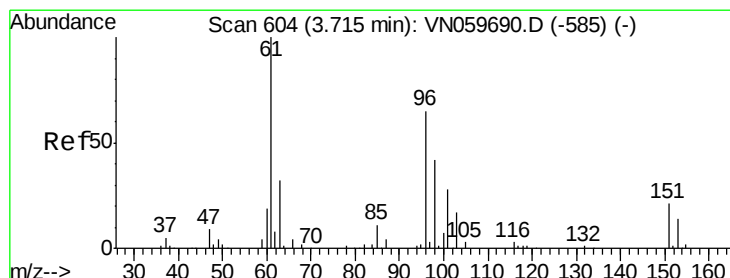
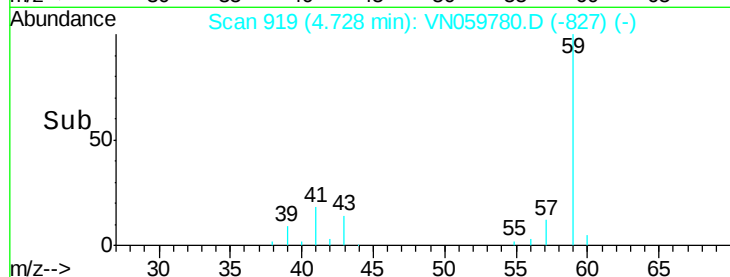
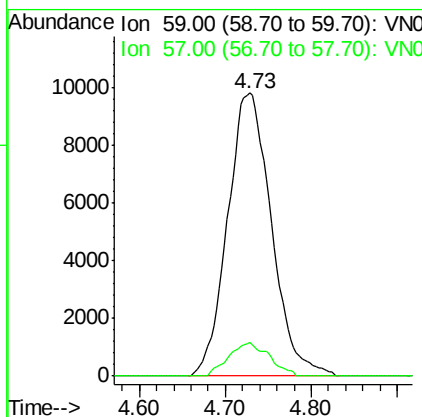
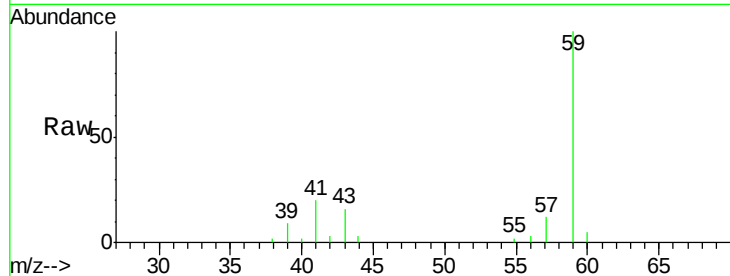
#11
Tert butyl alcohol
Concen: 95.008 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion: 59 Resp: 34765
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

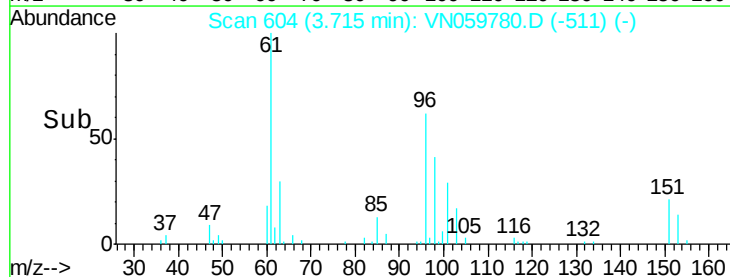
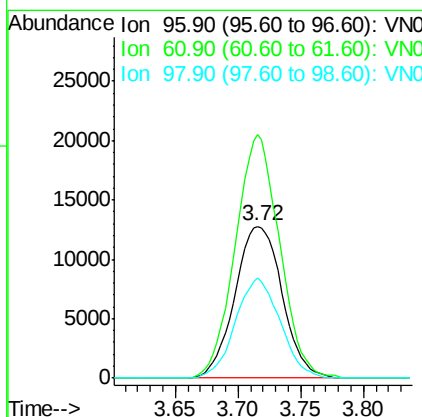
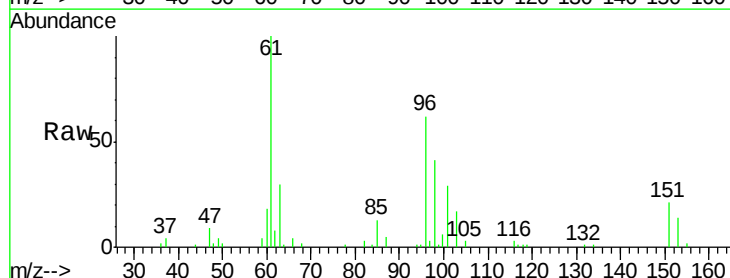
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#12
1,1-Dichloroethene
Concen: 18.705 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion: 96 Resp: 33495
Ion Ratio Lower Upper
96 100
61 160.2 137.5 206.3
98 65.9 50.2 75.4





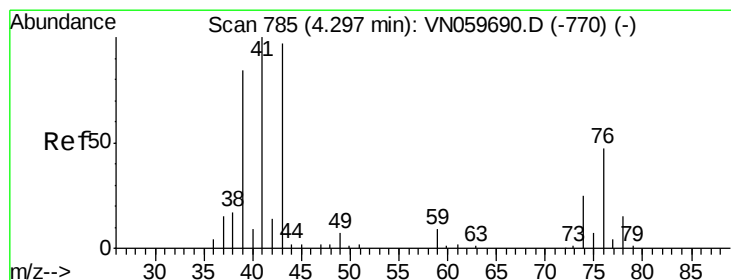
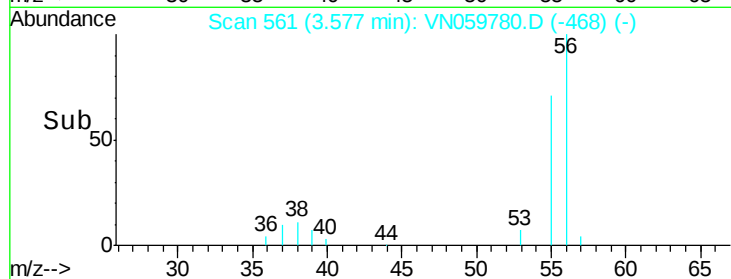
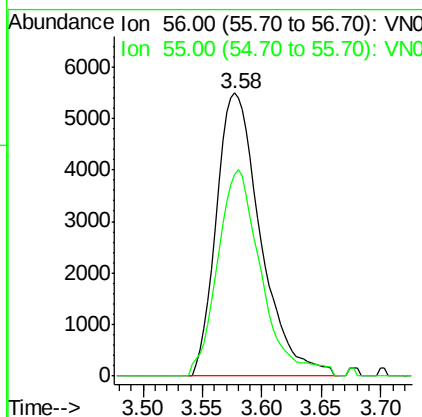
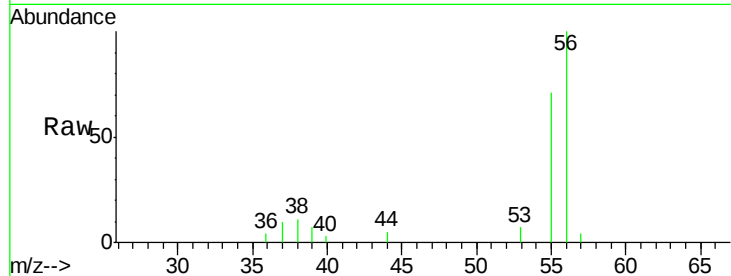
#13
Acrolein
Concen: 54.717 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion: 56 Resp: 14173
Ion Ratio Lower Upper
56 100
55 71.7 58.6 88.0

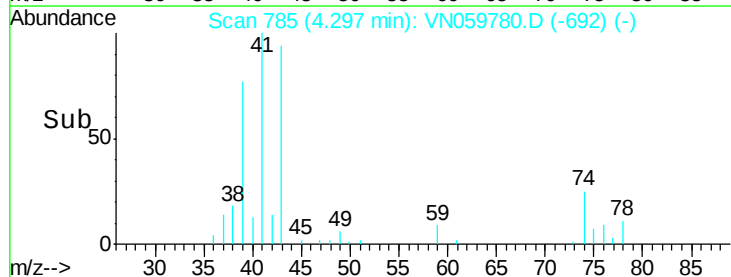
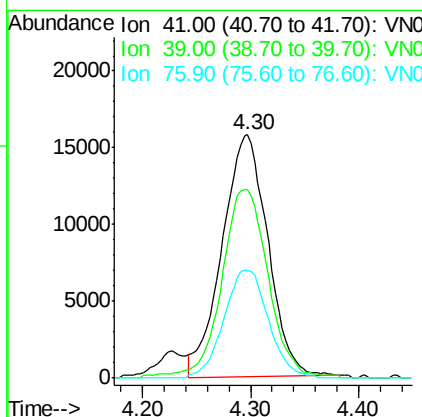
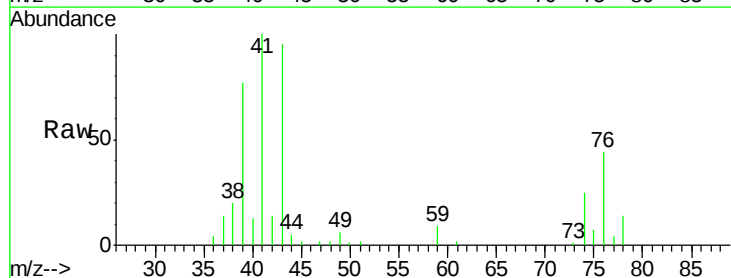
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#14
Allyl chloride
Concen: 19.192 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion: 41 Resp: 46324
Ion Ratio Lower Upper
41 100
39 80.0 57.8 86.8
76 43.6 25.4 38.0#





#15

Acrylonitrile

Concen: 96.714 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

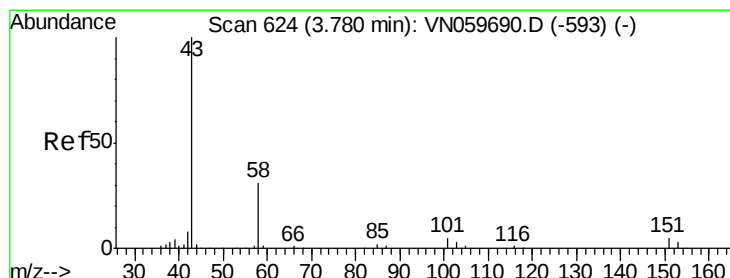
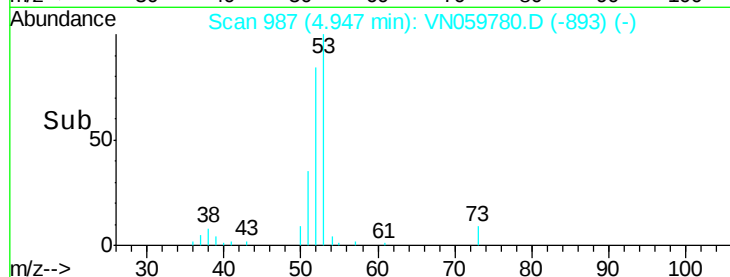
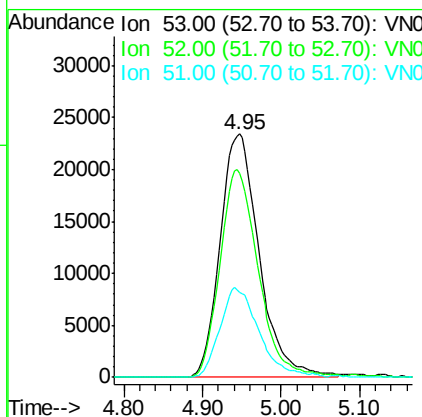
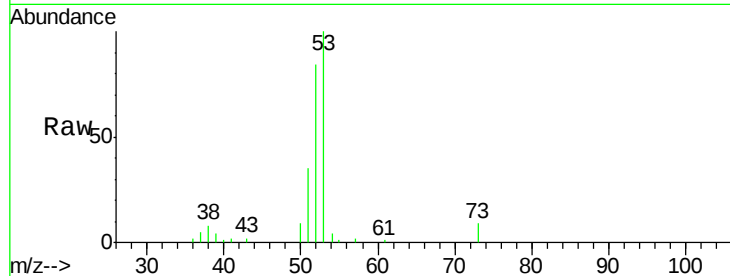
ClientSampled :

VN0120MBS01

Tot Ion:	53	Resp:	80726
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.3	99.5
51	36.9	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 94.641 ug/l

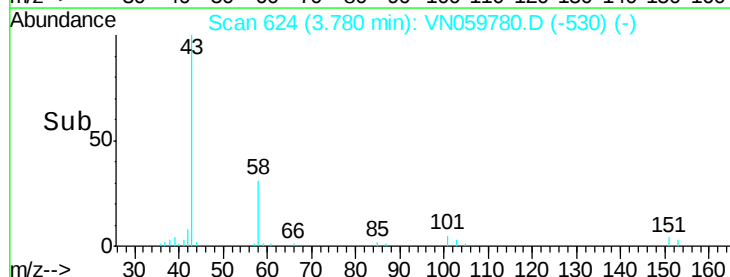
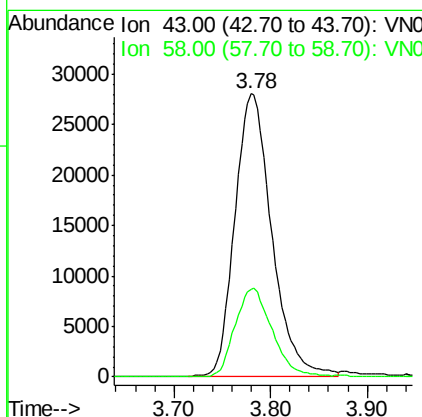
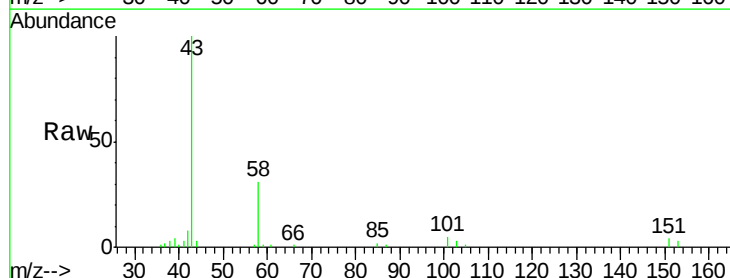
RT: 3.78 min Scan# 624

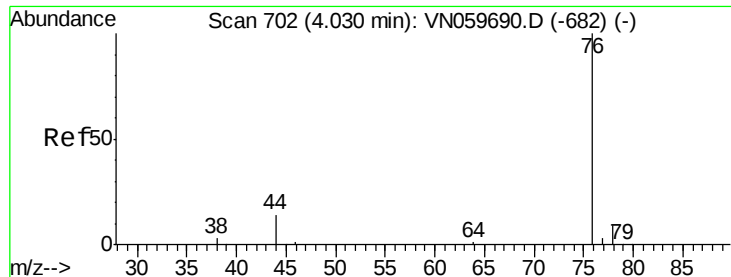
Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion:	43	Resp:	74775
Ion Ratio	Lower	Upper	
43	100		
58	31.1	23.6	35.4





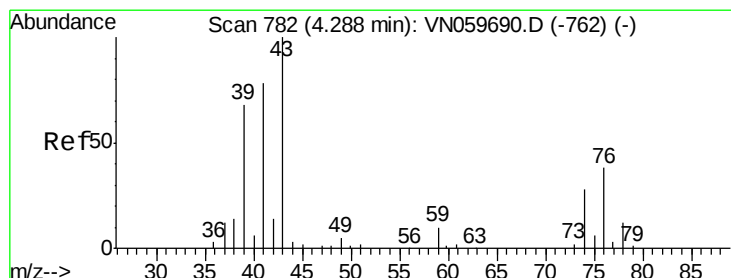
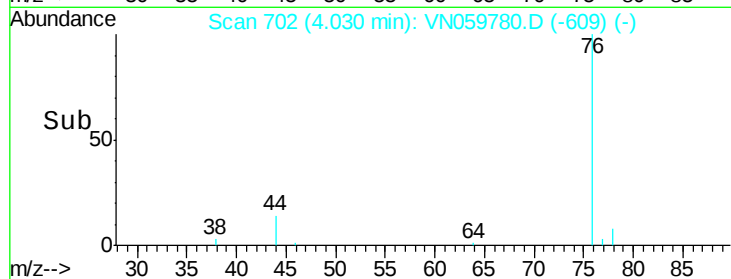
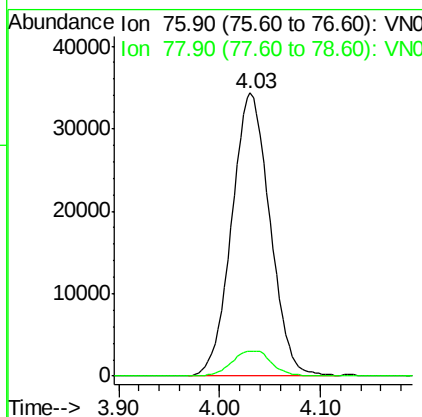
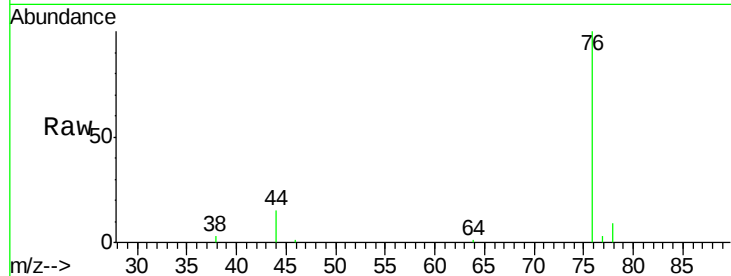
#17
Carbon Disulfide
Concen: 17.665 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

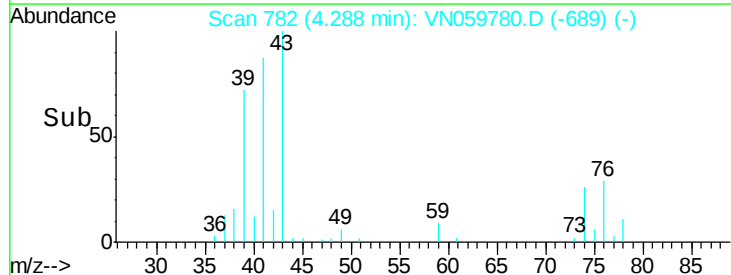
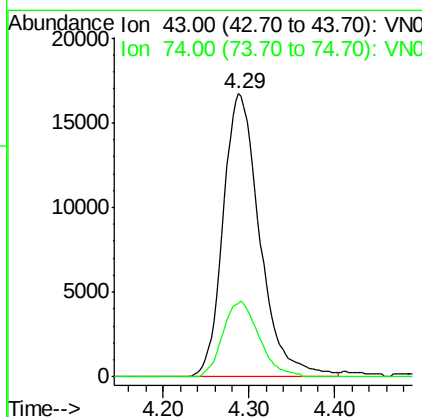
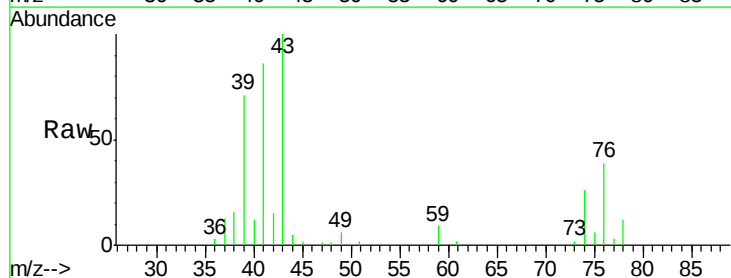
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#18
Methyl Acetate
Concen: 19.515 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	17.5	26.3#





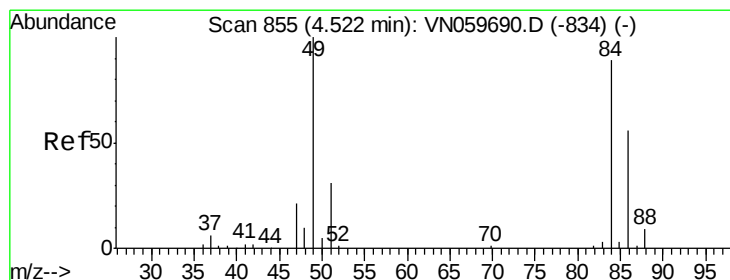
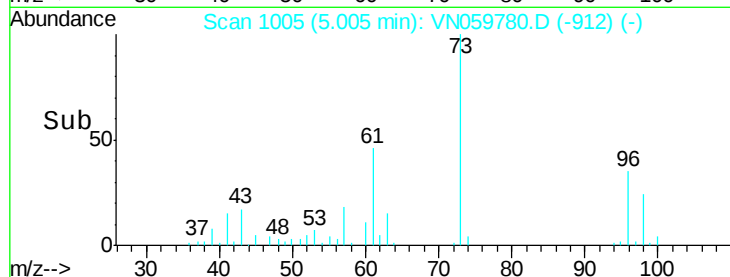
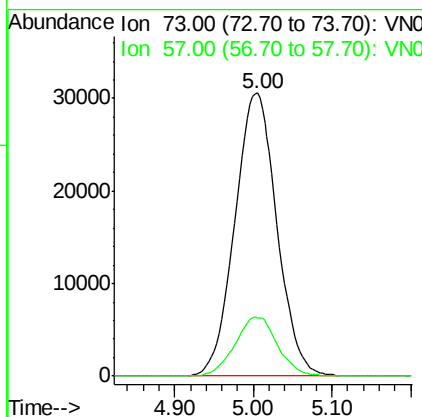
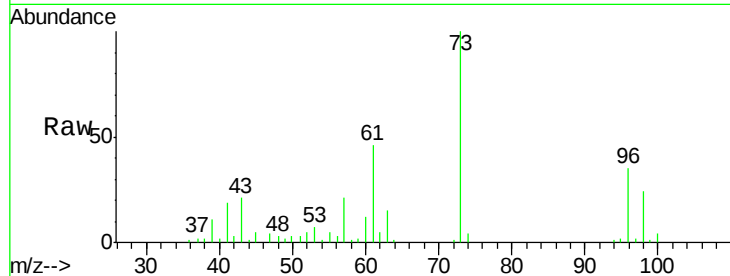
#19
Methvl tert-butvl Ether
Concen: 19.624 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion: 73 Resp: 114574
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8

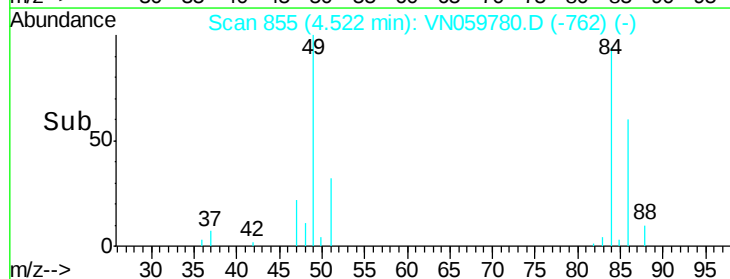
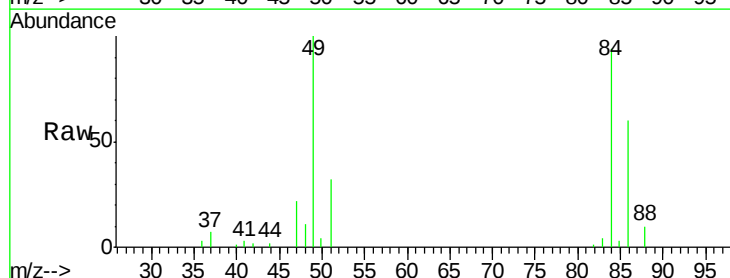
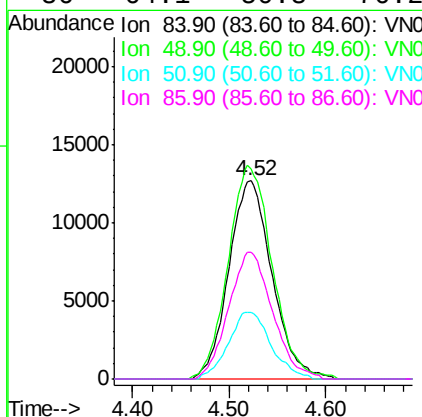
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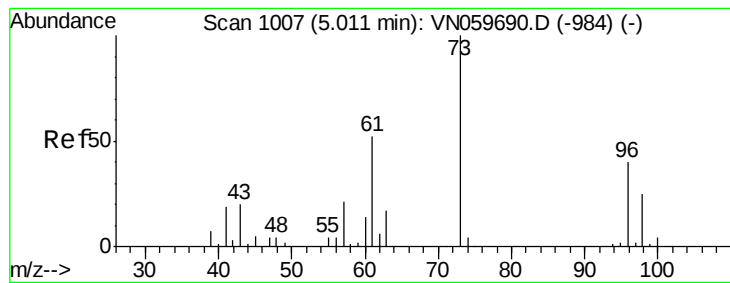
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#20
Methylene Chloride
Concen: 19.271 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion: 84 Resp: 39461
Ion Ratio Lower Upper
84 100
49 106.4 106.6 160.0#
51 33.9 31.9 47.9
86 64.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.108 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion: 96 Resp: 36373

Ion Ratio Lower Upper

96 100

61 125.0 120.4 180.6

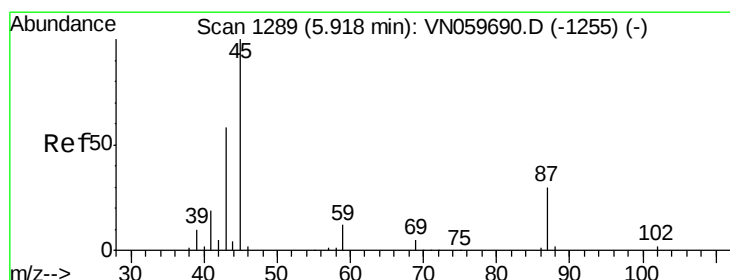
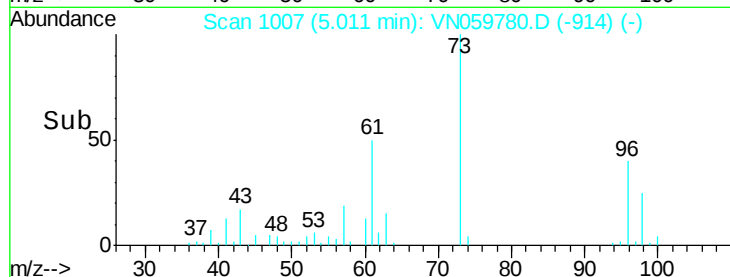
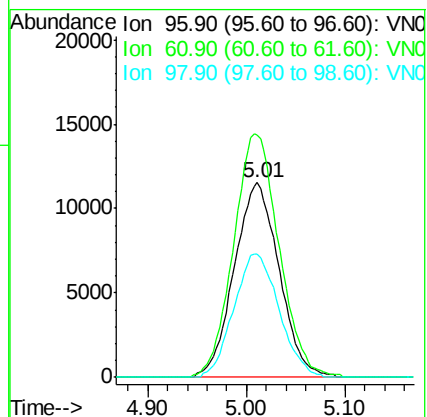
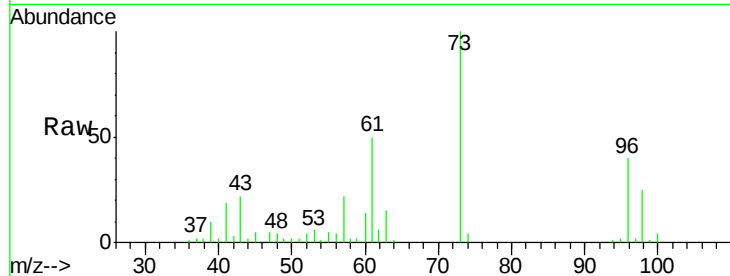
98 63.3 50.6 75.8

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#22

Diisopropyl ether

Concen: 19.127 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion: 45 Resp: 104624

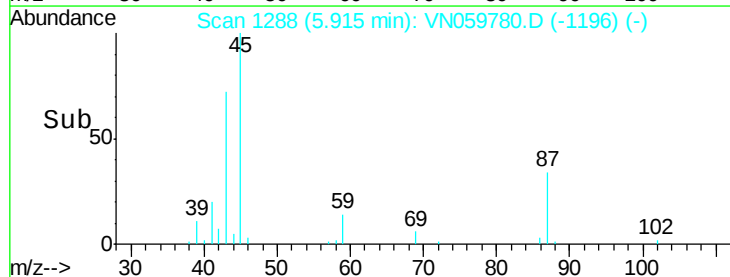
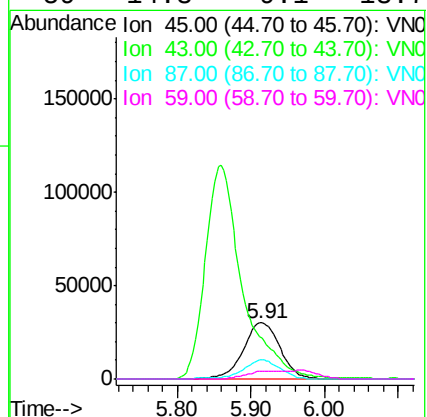
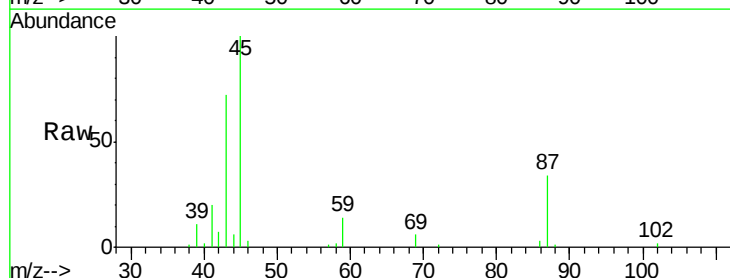
Ion Ratio Lower Upper

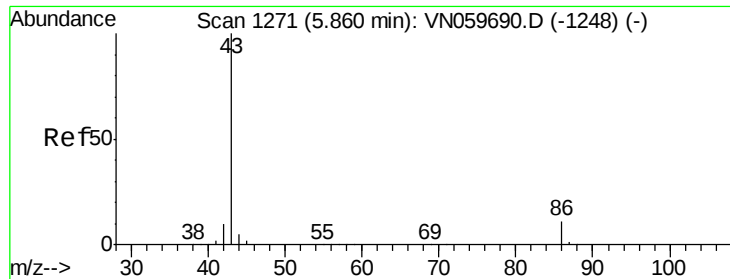
45 100

43 70.2 50.8 76.2

87 33.8 21.0 31.6#

59 14.3 9.1 13.7#





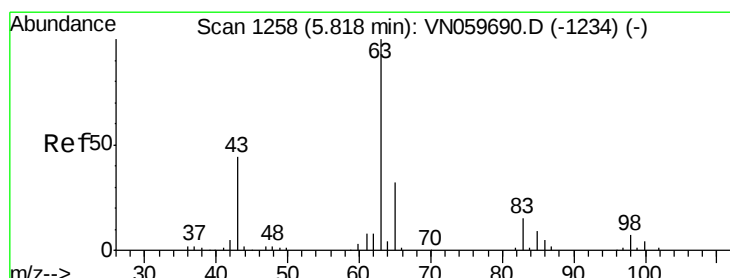
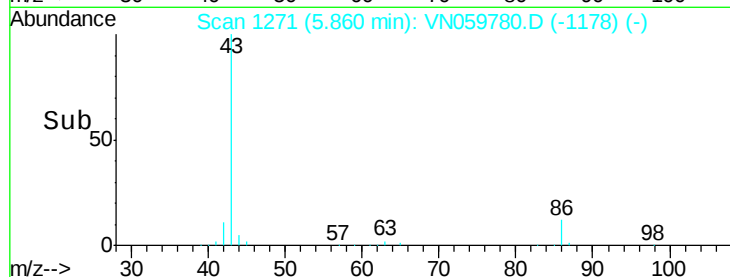
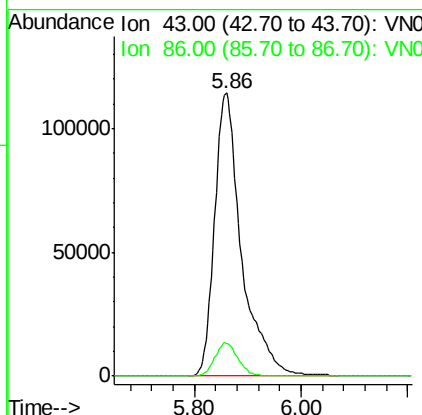
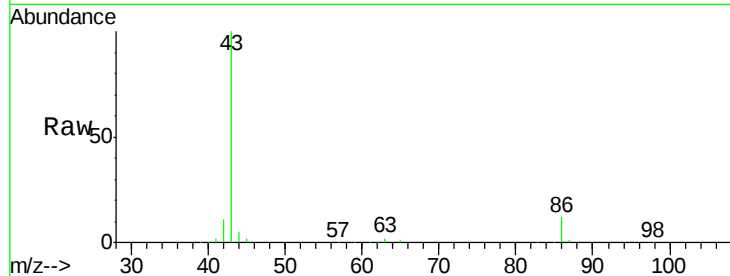
#23
 Vinyl Acetate
 Concen: 95.221 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Instrument :
 MSVOA_N
 ClientSampled :
 VN0120MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.7	7.6	11.4#

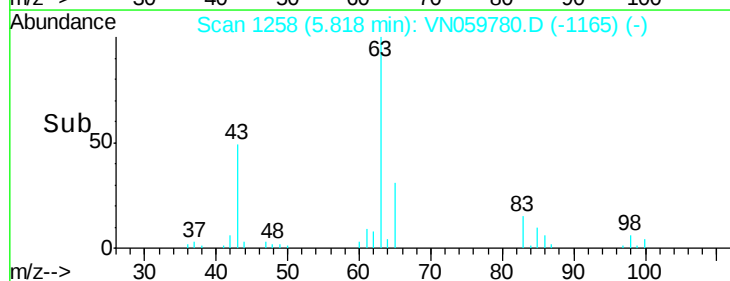
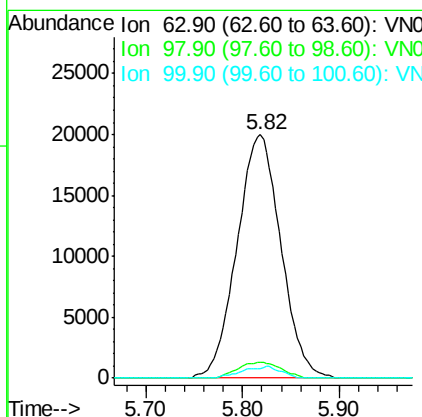
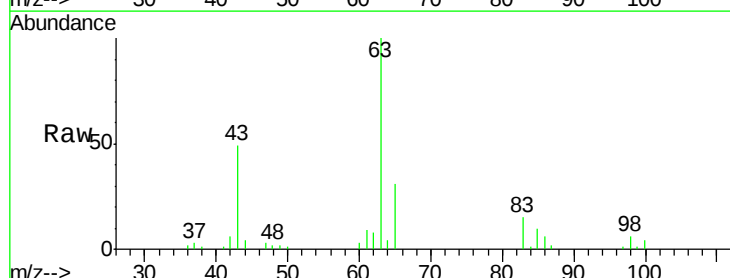
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#24
 1,1-Dichloroethane
 Concen: 18.802 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	2.9	8.7
100	4.1	2.0	6.0





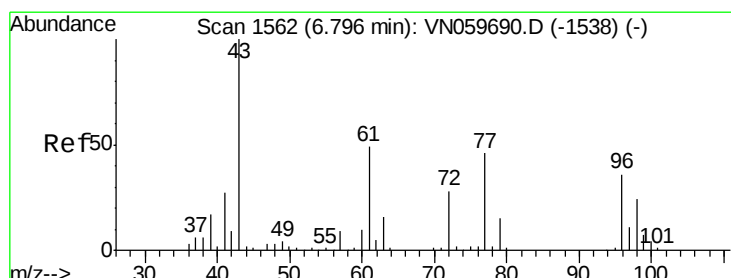
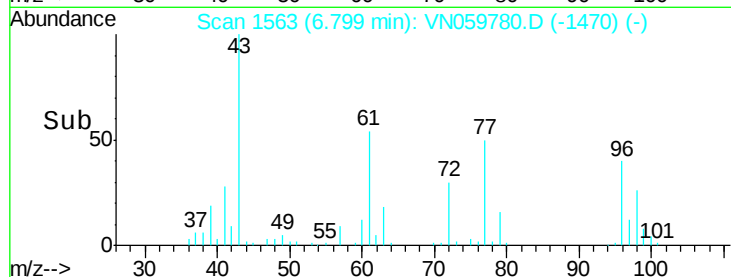
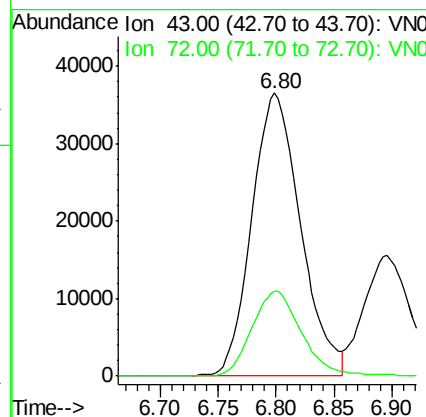
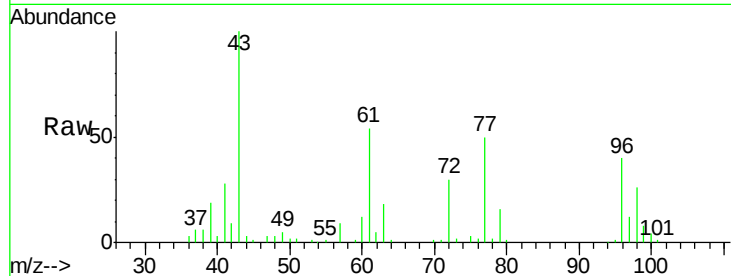
#25
 2-Butanone
 Concen: 86.851 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Tot Ion: 43 Resp: 106906
 Ion Ratio Lower Upper
 43 100
 72 30.0 19.9 29.9#

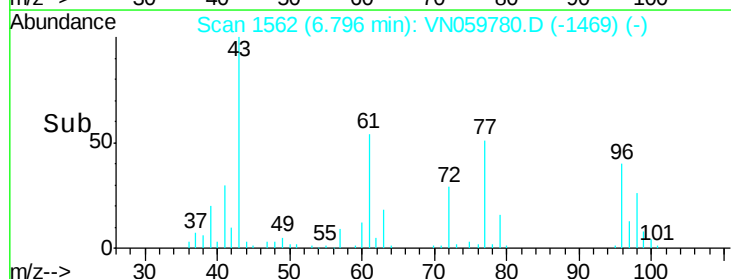
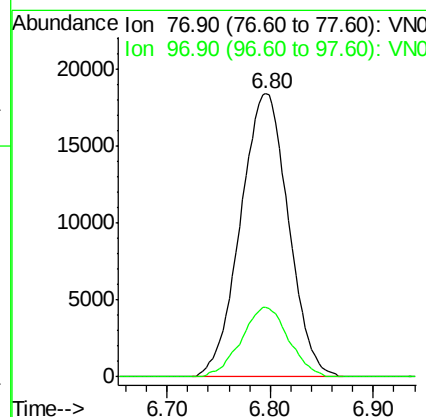
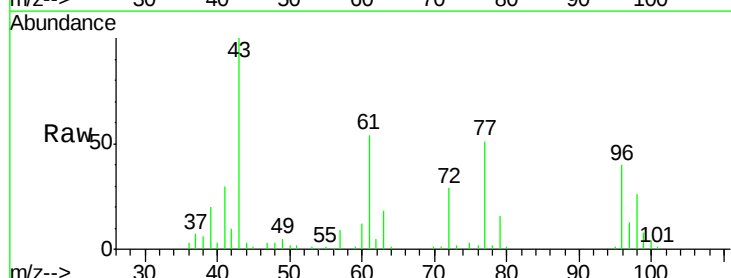
Manual Integrations
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#26
 2,2-Dichloropropane
 Concen: 18.542 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Tgt Ion: 77 Resp: 59578
 Ion Ratio Lower Upper
 77 100
 97 24.2 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.321 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

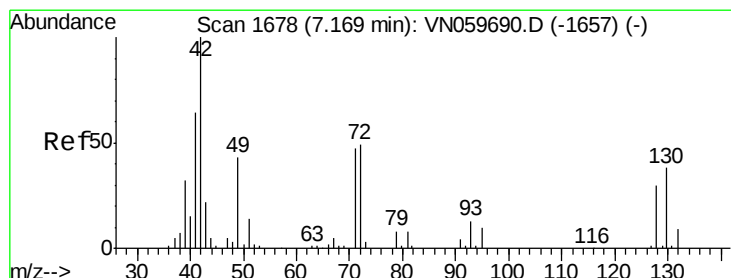
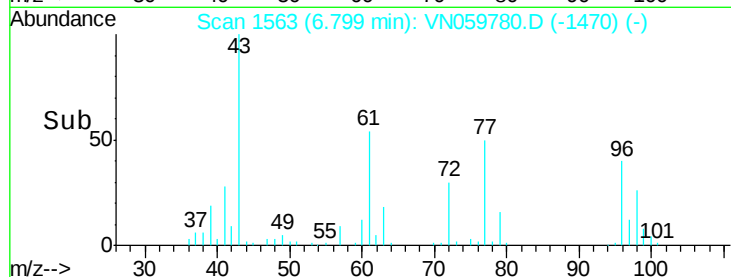
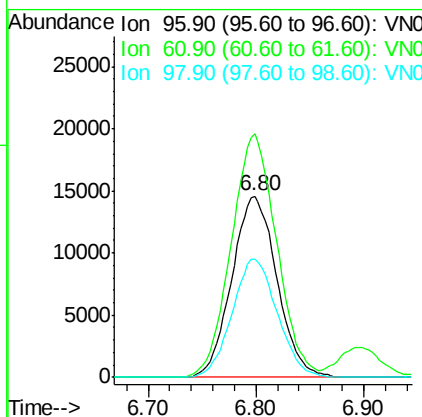
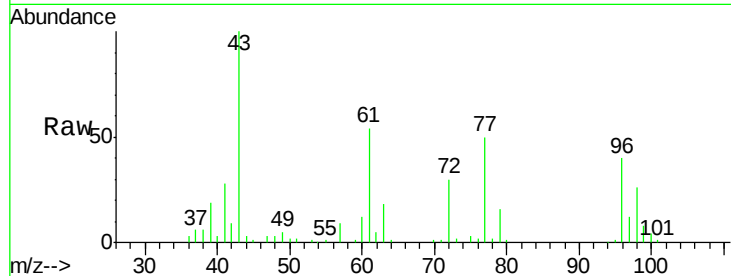
ClientSampled :

VN0120MBS01

Tot Ion:	96	Resp:	42301
Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	317.6
98	65.3	0.0	127.0

Manual Integrations
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#28

Bromochloromethane

Concen: 18.650 ug/l

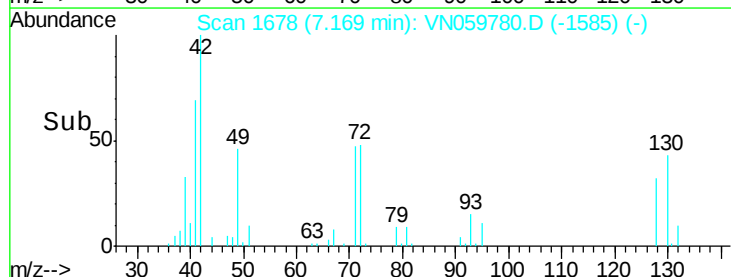
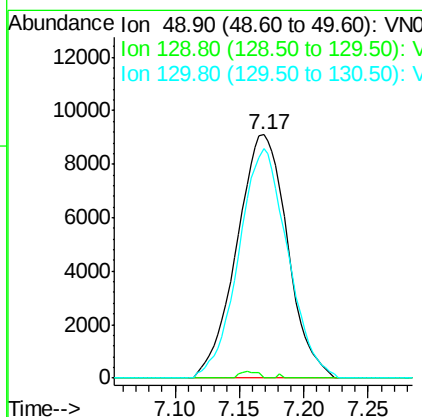
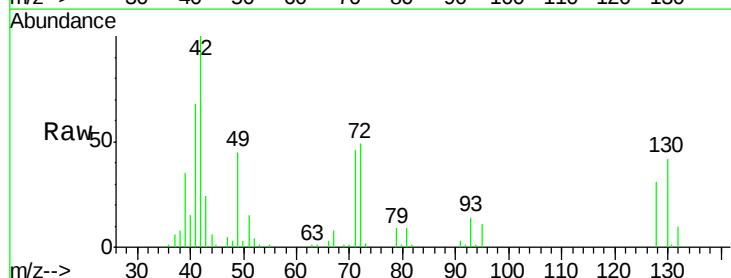
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion:	49	Resp:	24913
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	91.4	54.7	82.1#





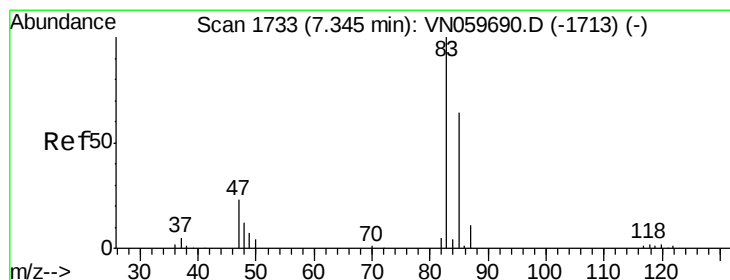
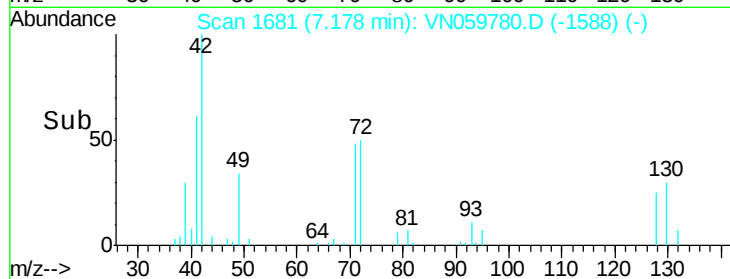
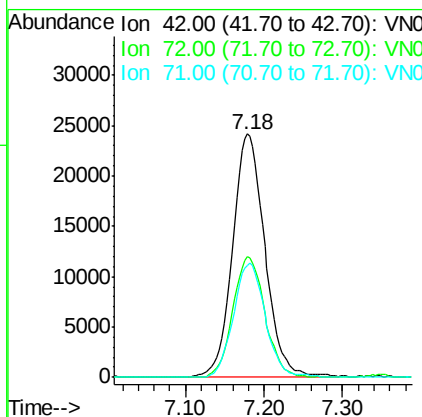
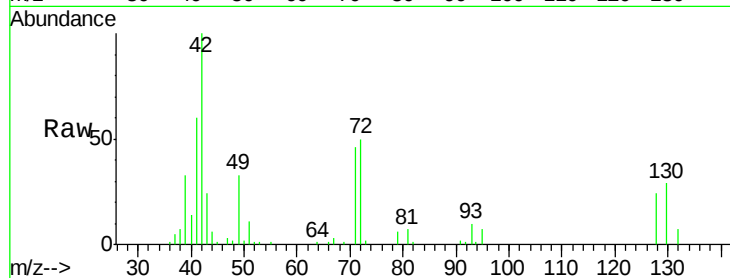
#29
Tetrahydrofuran
Concen: 91.129 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	33.1	49.7
71	46.2	31.4	47.0

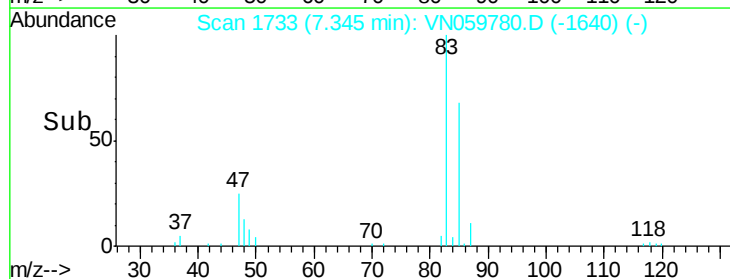
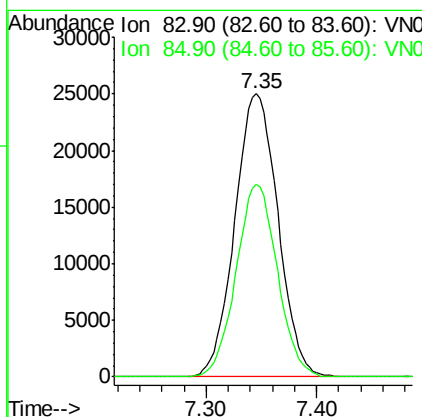
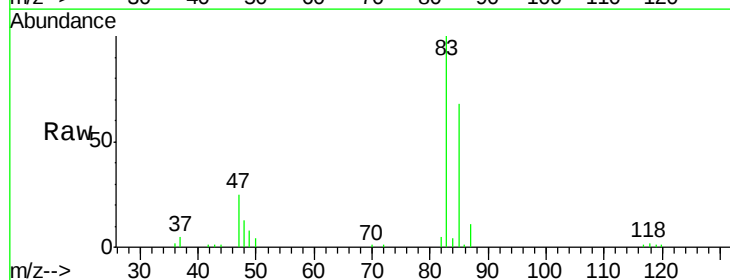
Manual Integrations
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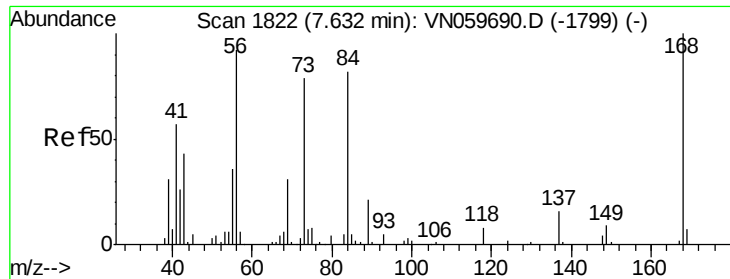
MMDadoda
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#30
Chloroform
Concen: 19.588 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.4	78.6





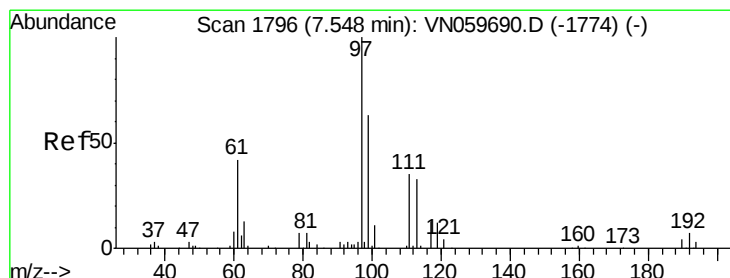
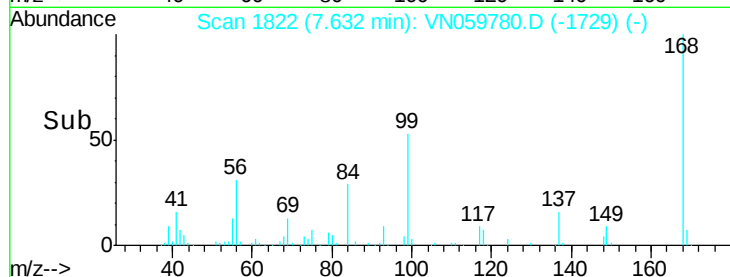
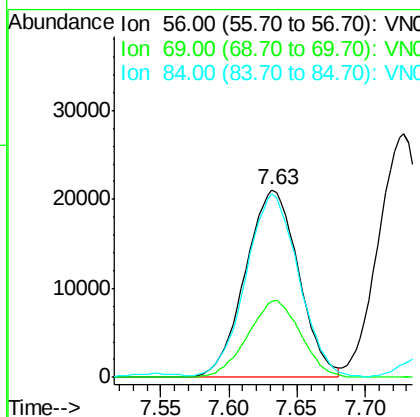
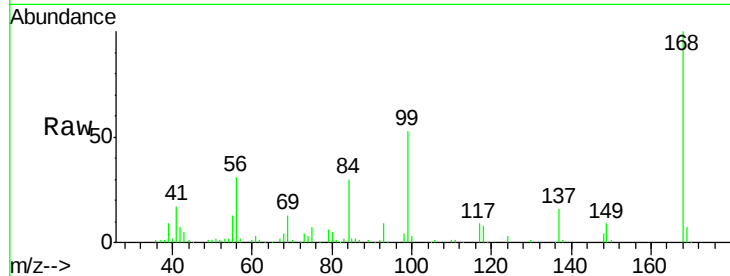
#31
Cyclohexane
Concen: 17.764 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.8	26.5	39.7#
84	96.9	65.3	97.9

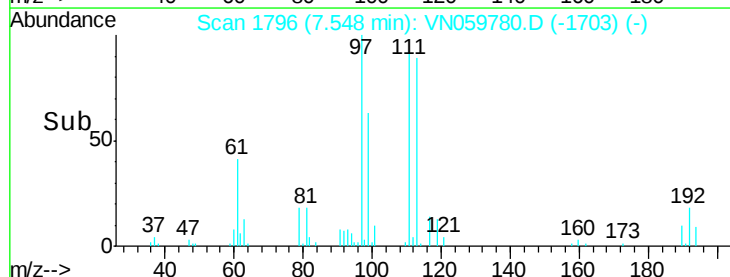
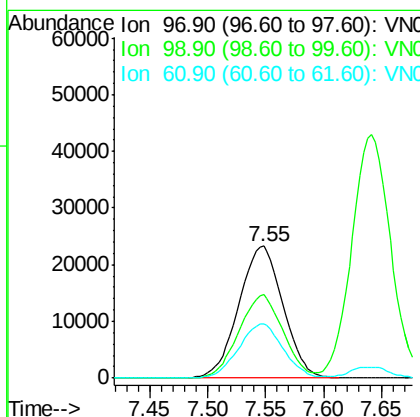
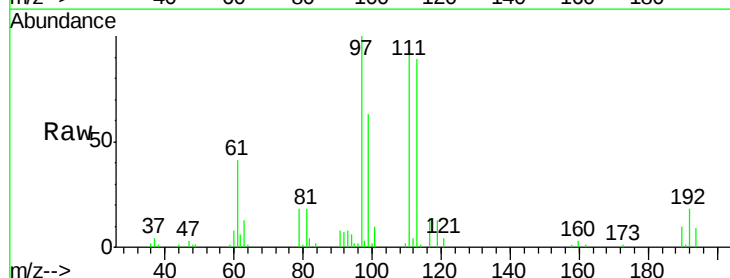
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#32
1,1,1-Trichloroethane
Concen: 19.366 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	41.3	38.5	57.7





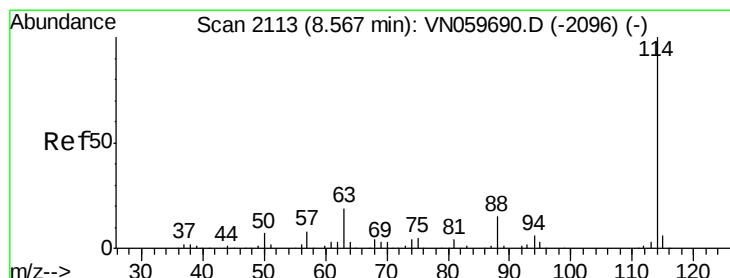
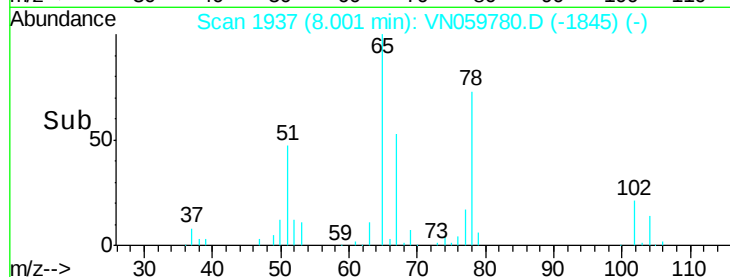
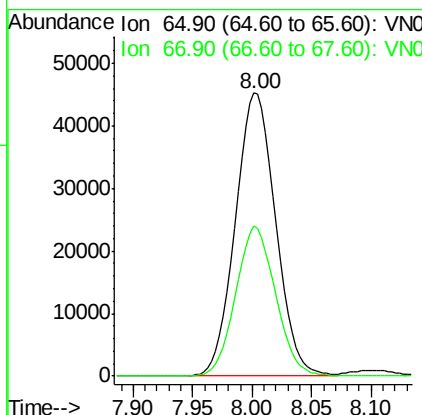
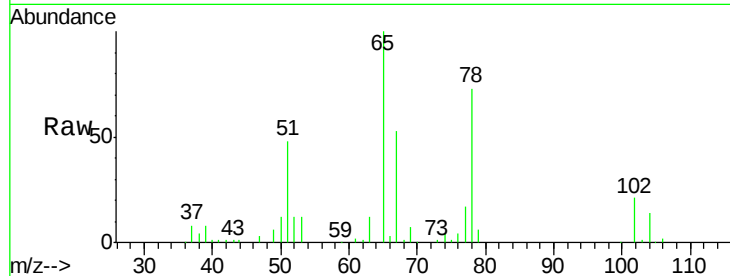
#33
 1,2-Dichloroethane-d4
 Concen: 48.865 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Instrument :
 MSVOA_N
 ClientSampled :
 VN0120MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106215		
67	52.0	0.0	103.0	

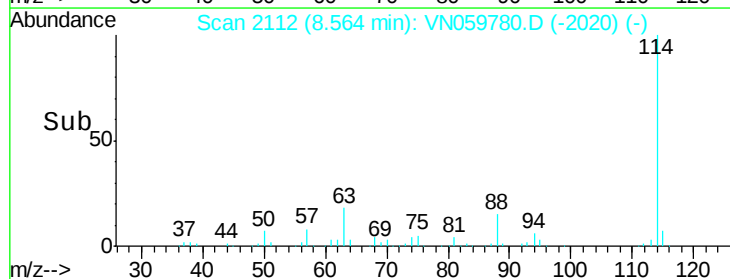
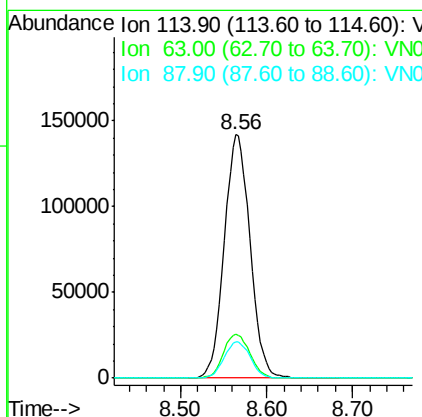
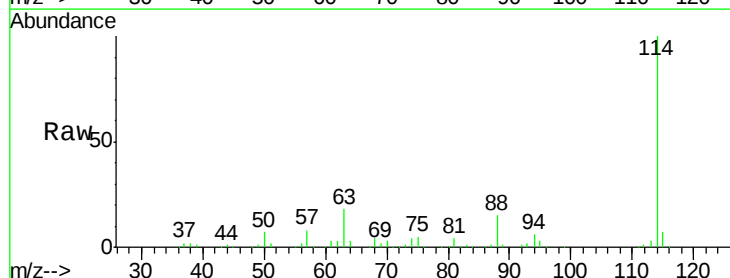
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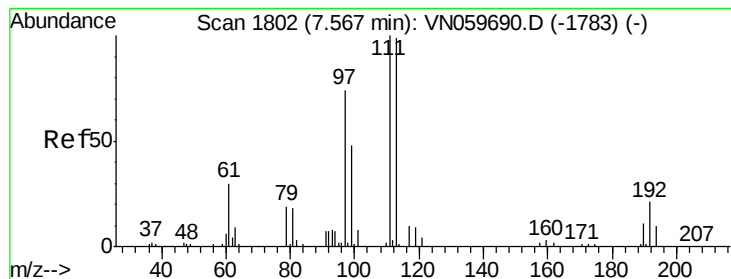
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	295767		
63	18.1	0.0	43.6	
88	14.9	0.0	31.4	





#35

Dibromofluoromethane

Concen: 50.606 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

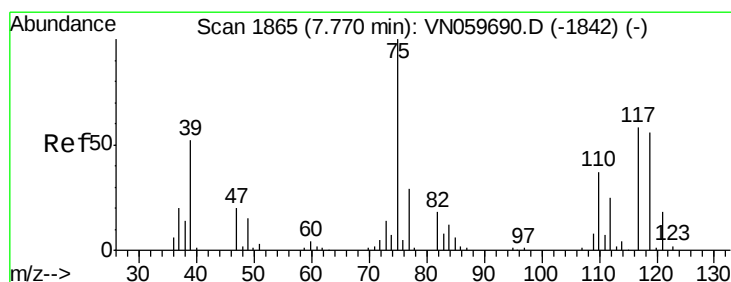
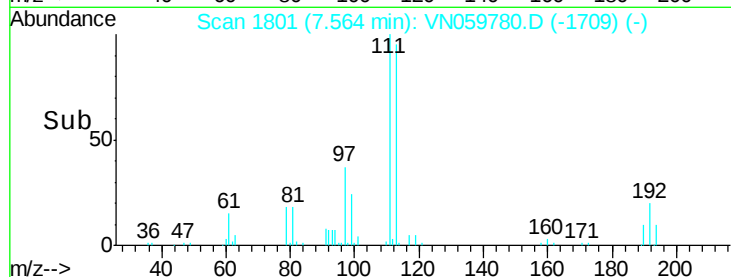
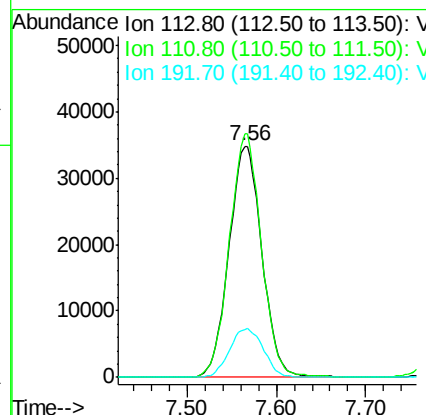
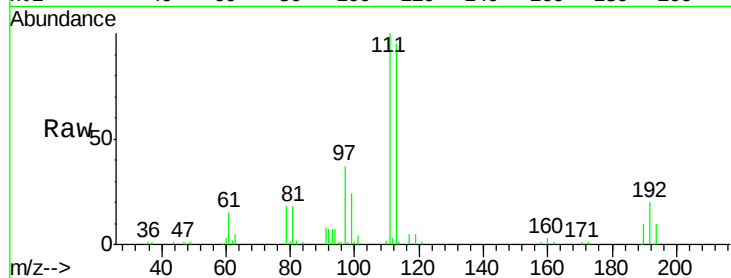
ClientSampleId :

VN0120MBS01

Tot Ion:	113	Resp:	89258
Ion Ratio	Lower	Upper	
113	100		
111	101.7	83.5	125.3
192	21.6	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 19.432 ug/l

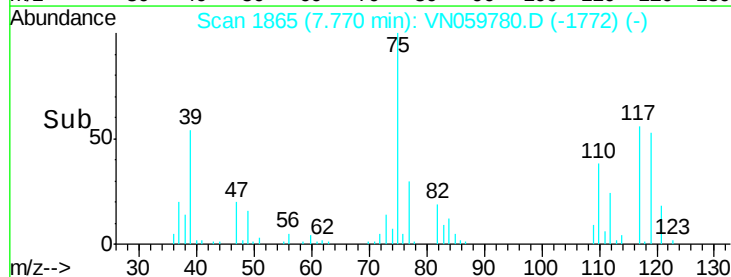
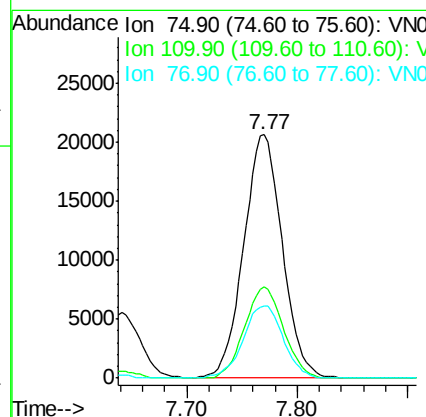
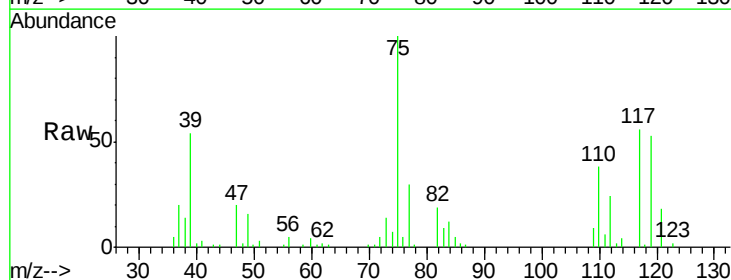
RT: 7.77 min Scan# 1865

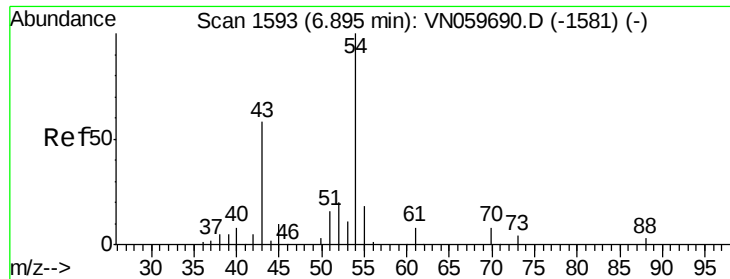
Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion:	75	Resp:	50051
Ion Ratio	Lower	Upper	
75	100		
110	37.6	16.6	49.7
77	30.7	25.1	37.7





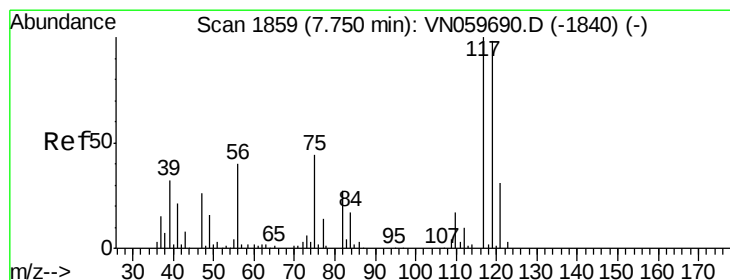
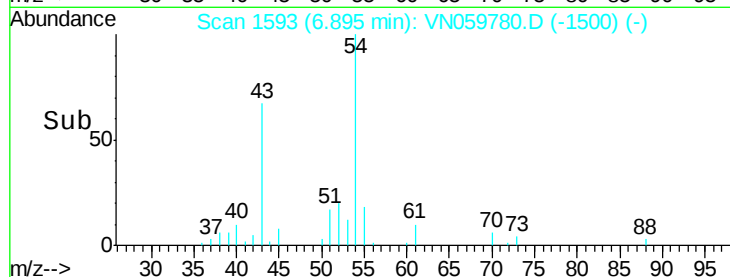
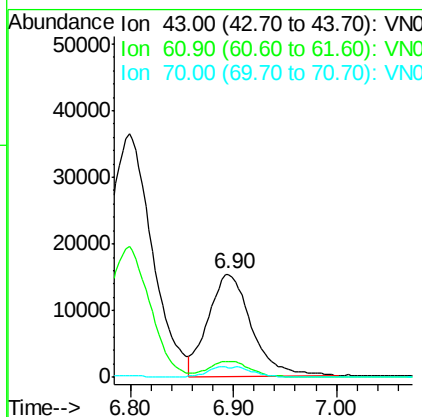
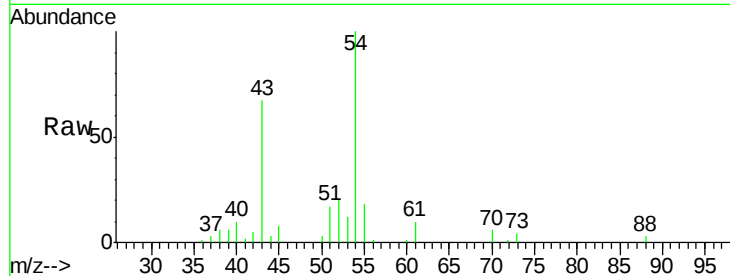
#37
Ethyl Acetate
Concen: 18.528 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampled :
VN0120MBS01

Tot Ion	43	61	70
Ion Ratio	100	15.0	5.3
Resp: Lower		10.9	7.7
Upper		16.3	11.5

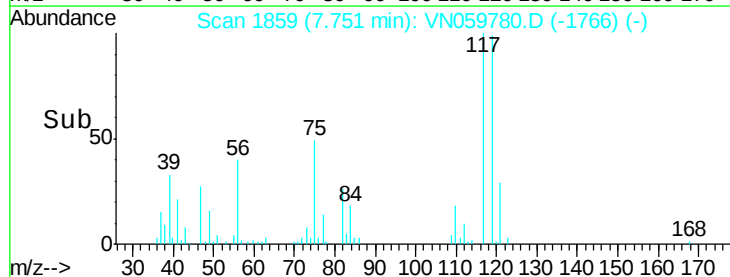
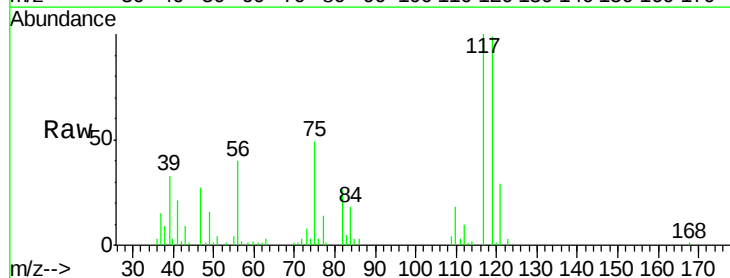
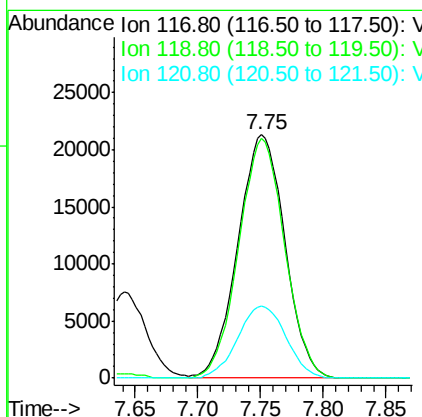
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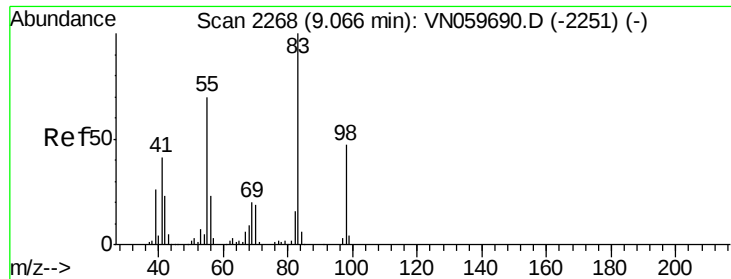
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#38
Carbon Tetrachloride
Concen: 19.794 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	117	119	121
Ion Ratio	100	98.7	29.4
Resp: Lower		76.5	25.1
Upper		114.7	37.7





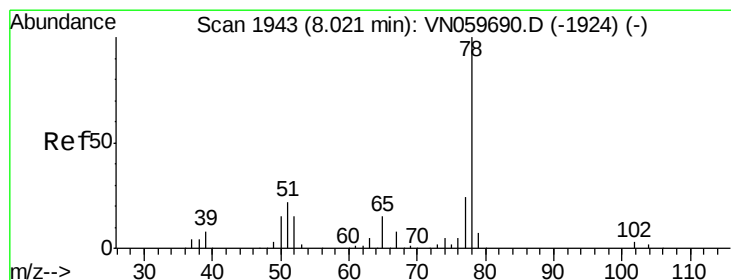
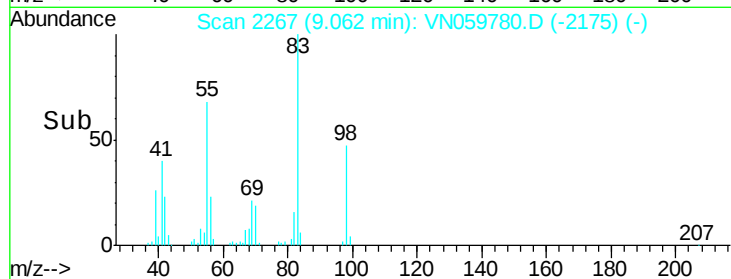
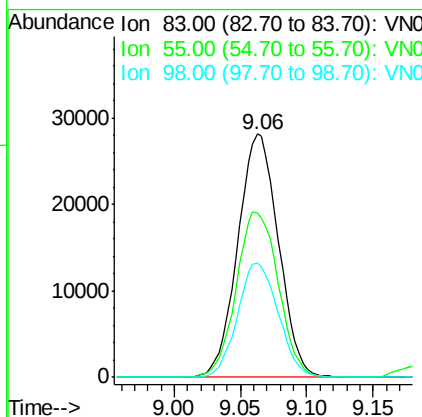
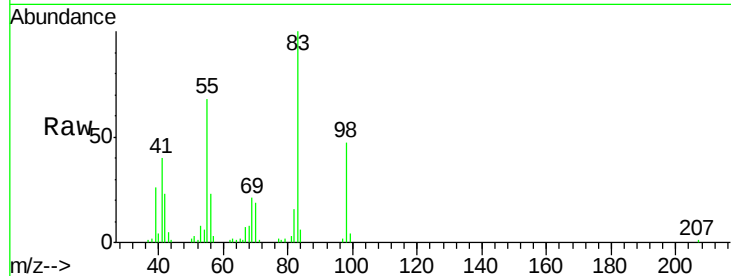
#39
Methvlcvclohexane
Concen: 18.890 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	59993		
55	67.5		64.2	96.2
98	46.9		35.9	53.9

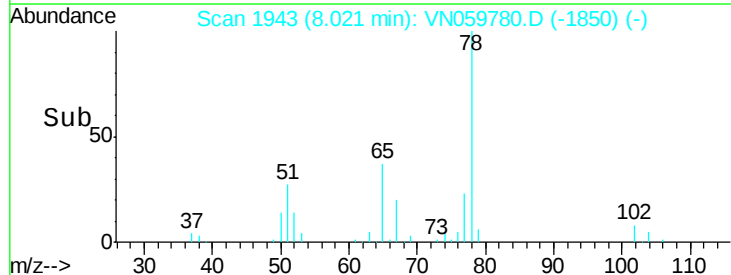
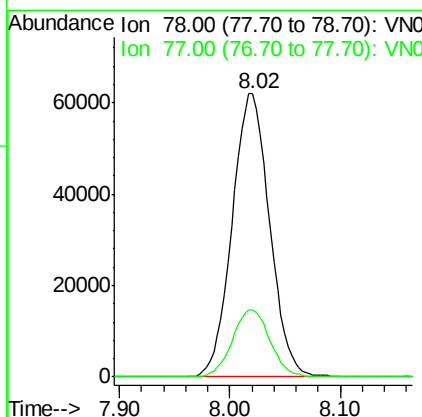
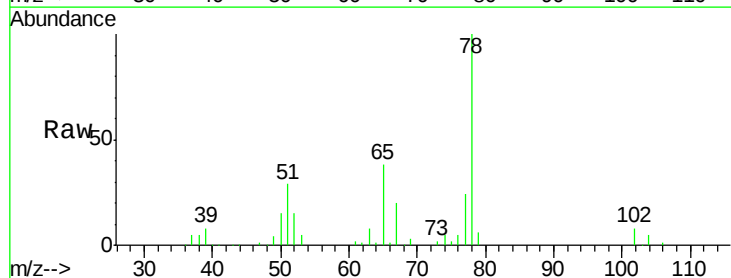
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#40
Benzene
Concen: 18.970 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	145720		
77	23.7		18.9	28.3





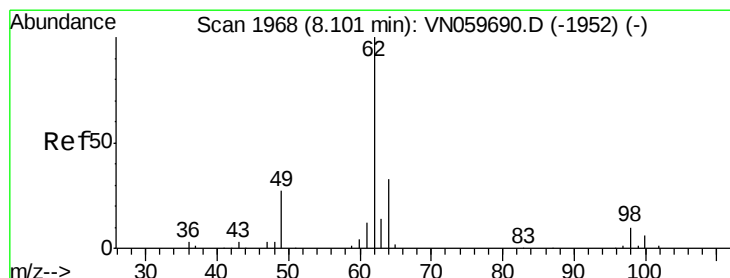
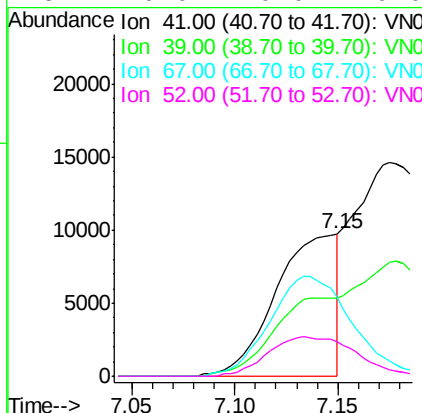
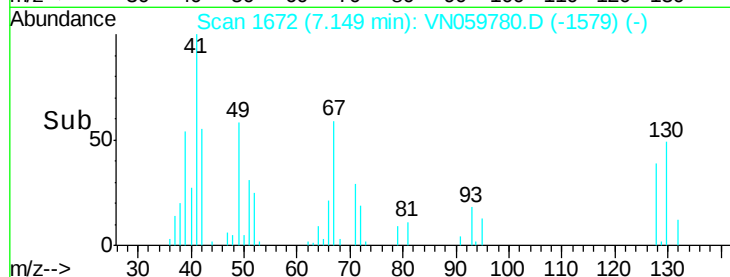
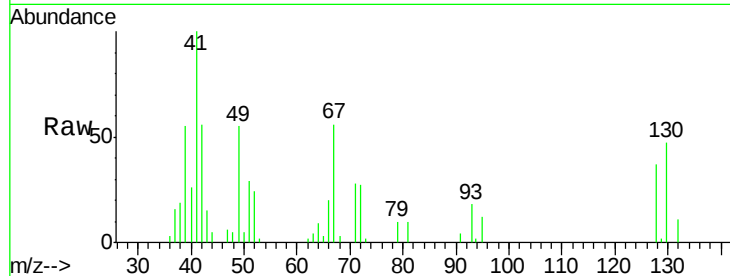
#41
Methacrylonitrile
Concen: 16.832 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	41	Resp	20028
Ion Ratio	Lower	Upper	
41	100		
39	170.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

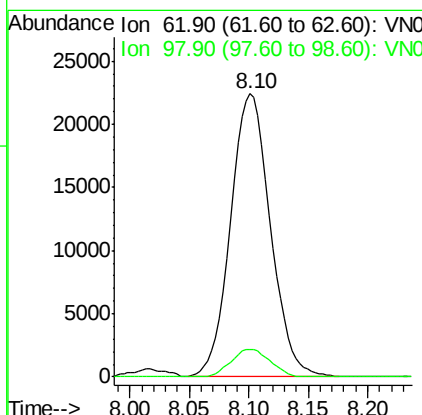
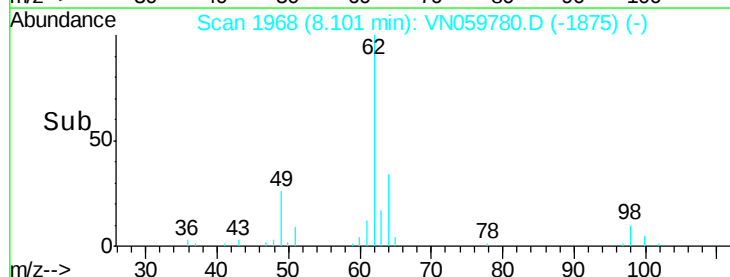
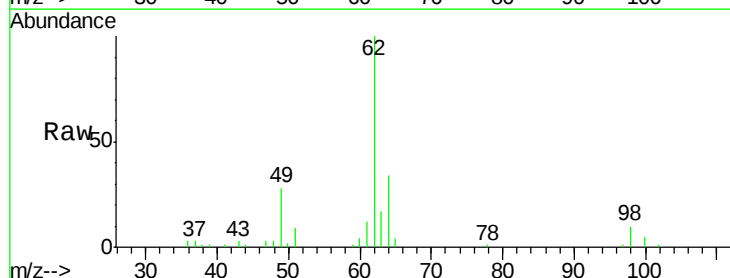
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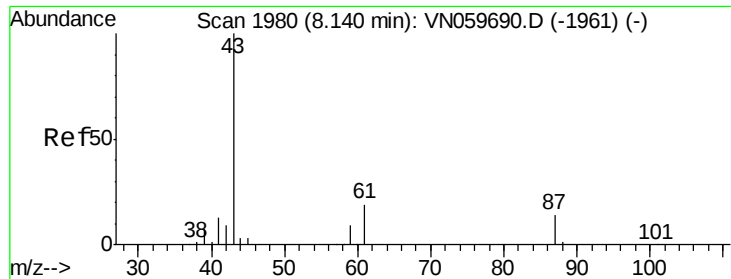
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#42
1,2-Dichloroethane
Concen: 19.982 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	62	Resp	52042
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	15.8





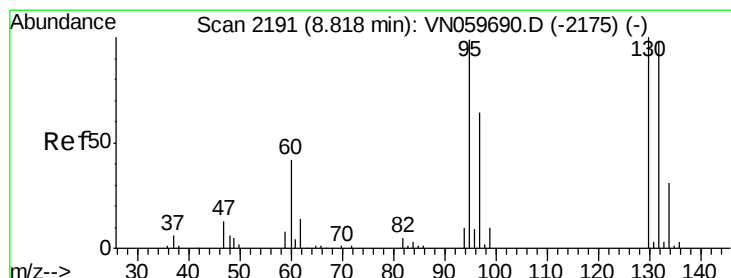
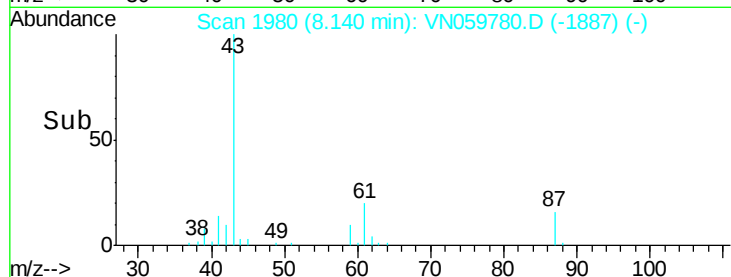
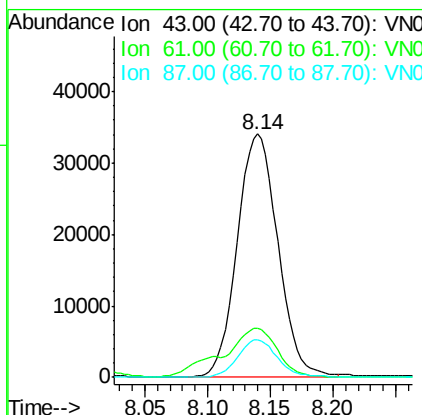
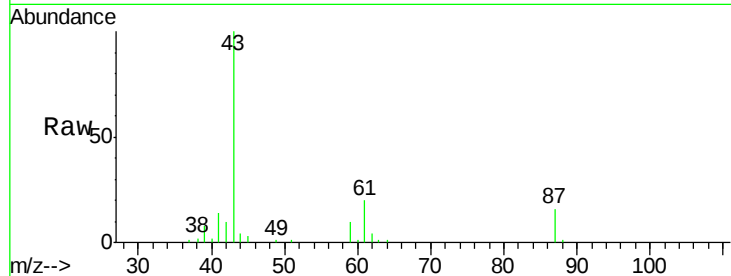
#43
Isopropyl Acetate
Concen: 18.541 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.2	20.2	30.2
87	15.0	9.5	14.3

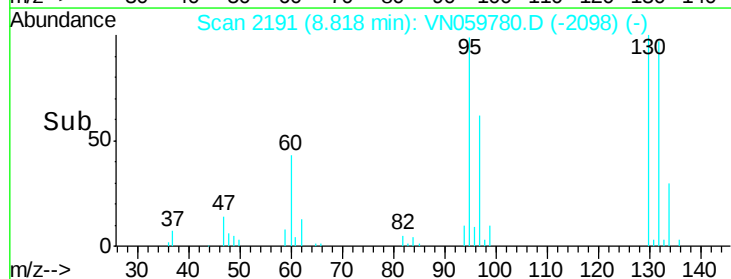
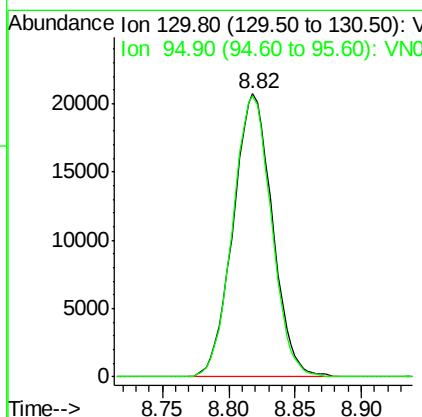
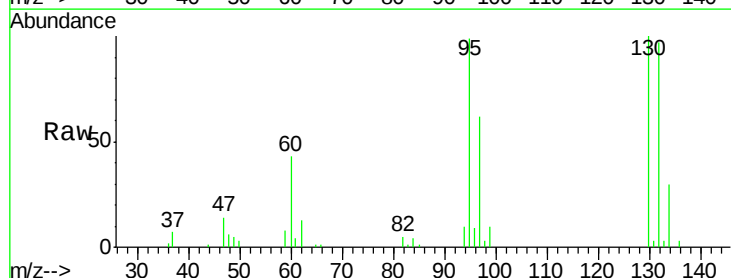
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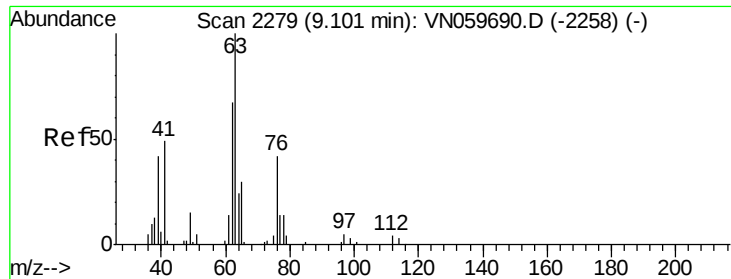
MMDadoda
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#44
Trichloroethene
Concen: 20.349 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	207.0





#45

1,2-Dichloropropane

Concen: 19.848 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion: 63 Resp: 37727

Ion Ratio Lower Upper

63 100

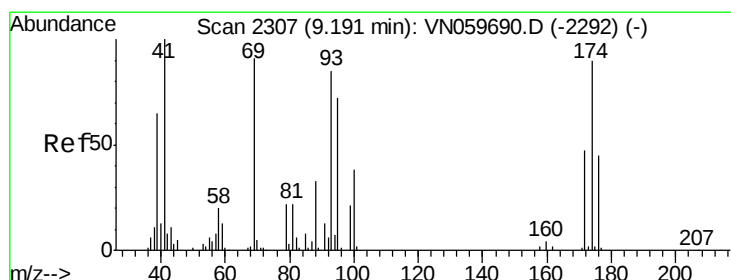
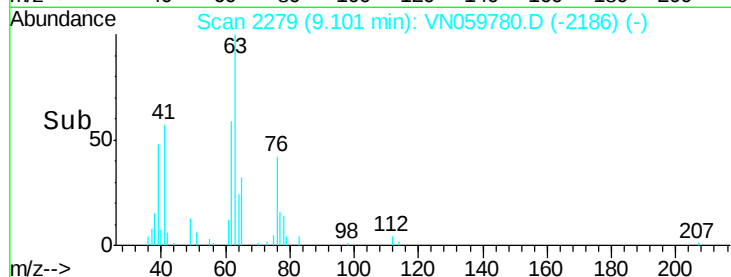
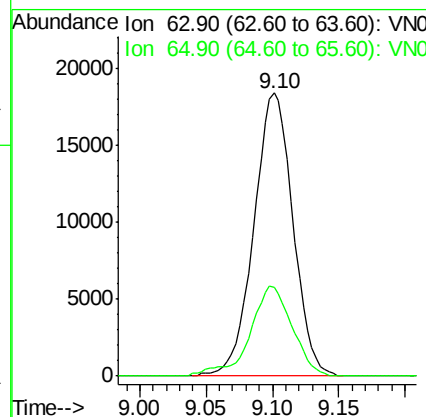
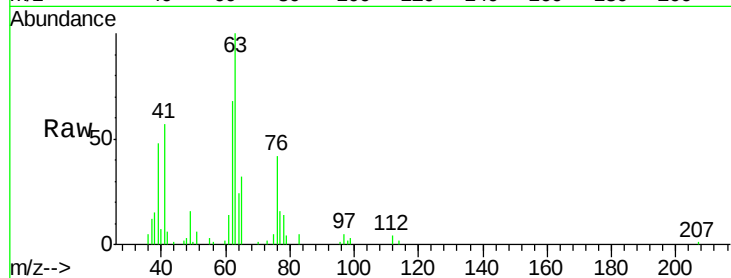
65 31.6 24.9 37.3

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#46

Dibromomethane

Concen: 20.151 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

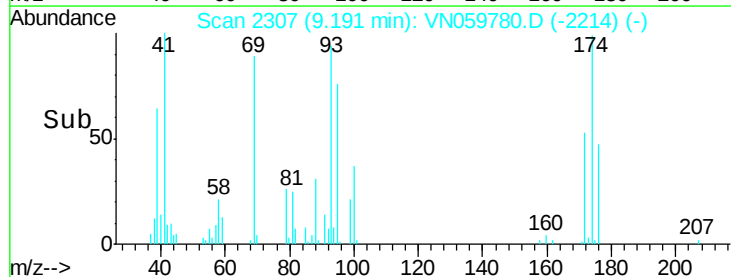
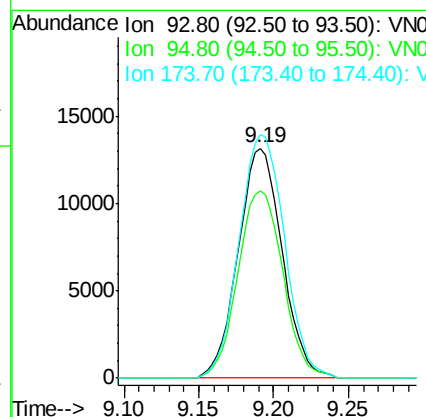
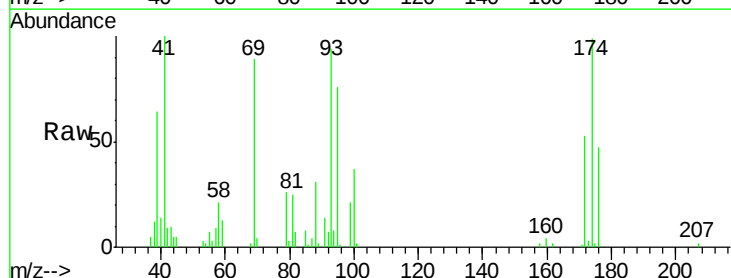
Tgt Ion: 93 Resp: 27019

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 109.2 73.4 110.2





#47

Bromodichloromethane

Concen: 20.165 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

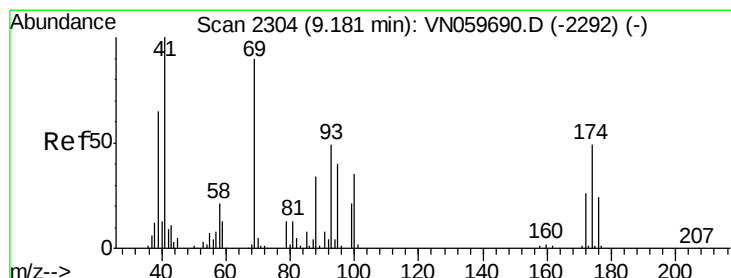
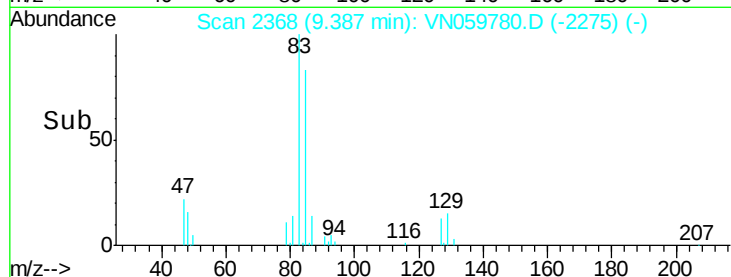
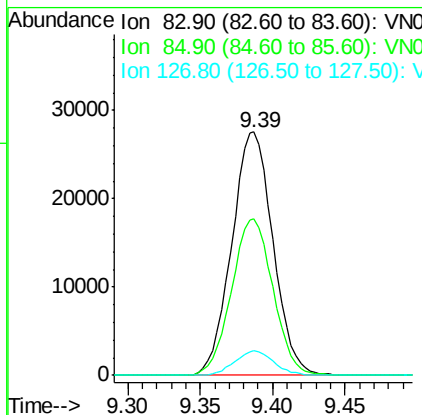
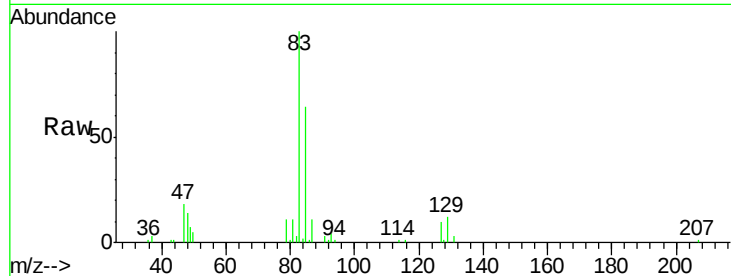
ClientSampleId :

VN0120MBS01

Tot Ion:	83	Resp:	54485
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.1	76.7
127	10.0	6.6	9.8#

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#48

Methyl methacrylate

Concen: 18.347 ug/l

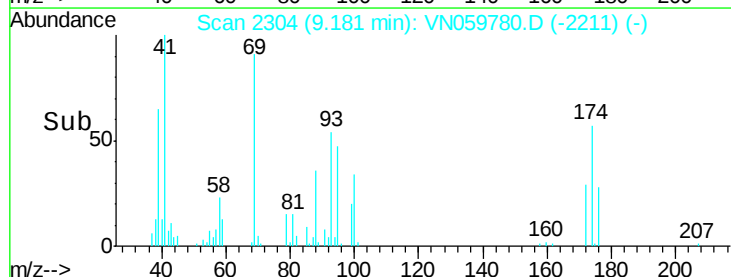
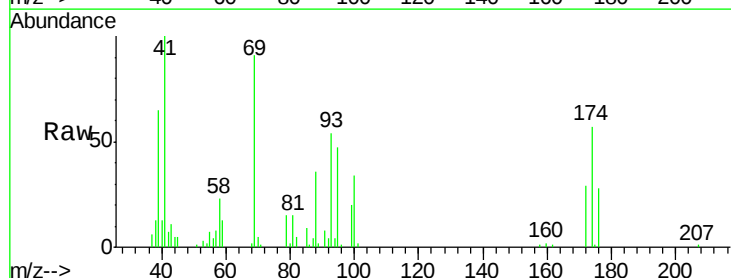
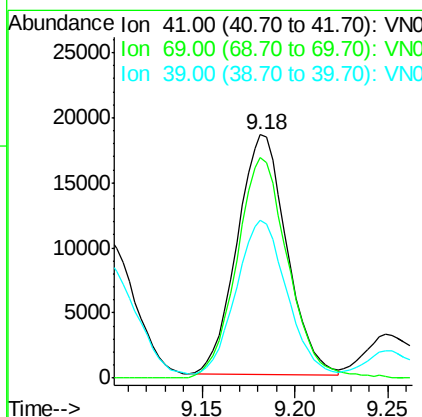
RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion:	41	Resp:	34099
Ion Ratio	Lower	Upper	
41	100		
69	95.3	64.4	96.6
39	68.9	51.3	76.9





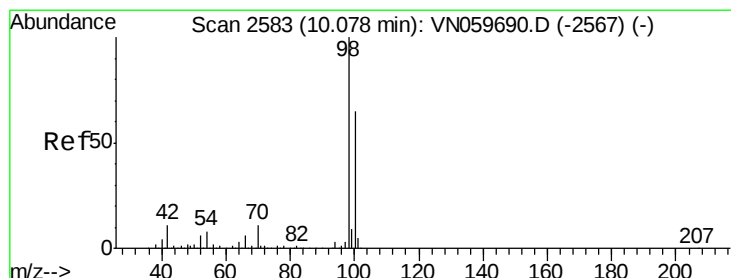
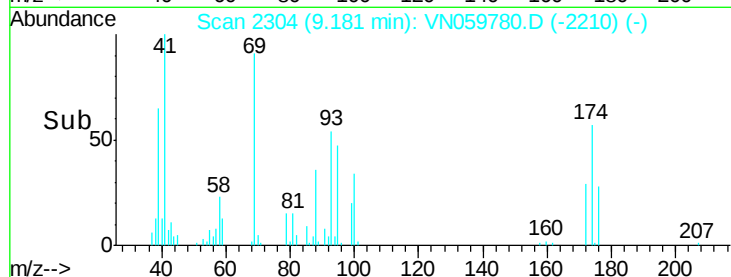
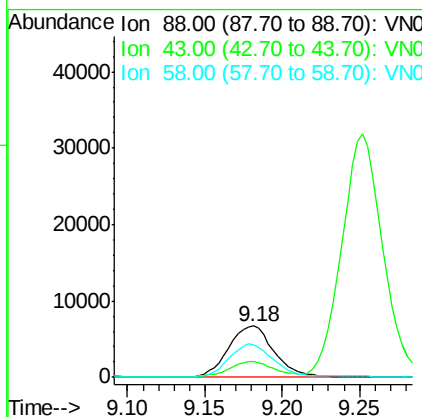
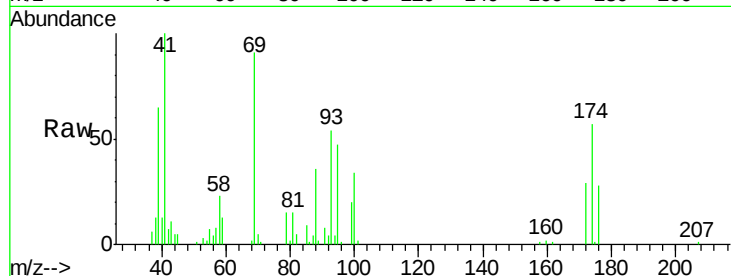
#49
1,4-Dioxane
Concen: 402.097 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	88	Resp	13681
Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.7	44.5
58	64.3	56.6	85.0

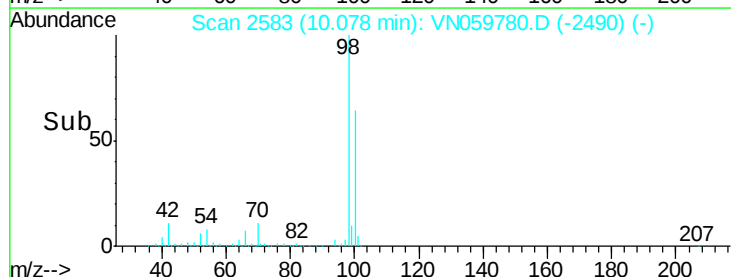
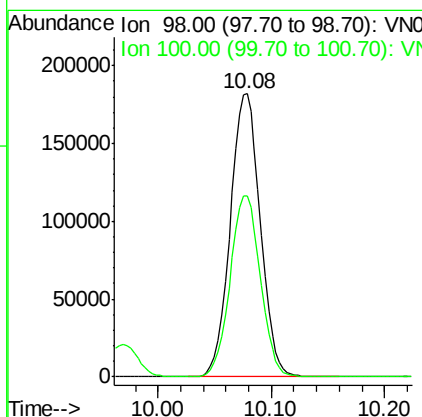
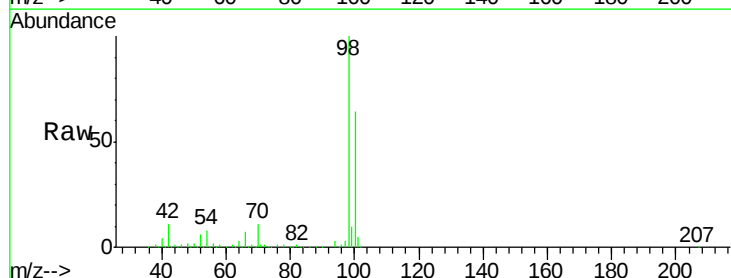
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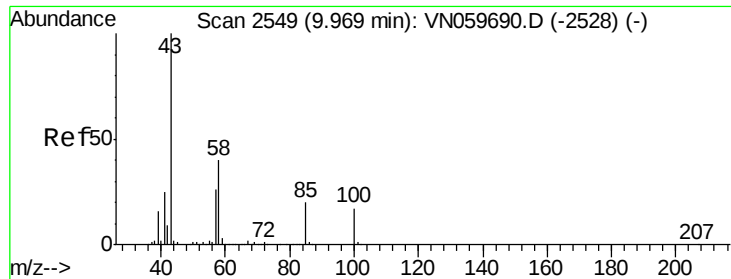
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#50
Toluene-d8
Concen: 49.059 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	98	Resp	335258
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 92.426 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampled :

VN0120MBS01

Tot Ion: 43 Resp: 222005

Ion Ratio Lower Upper

43 100

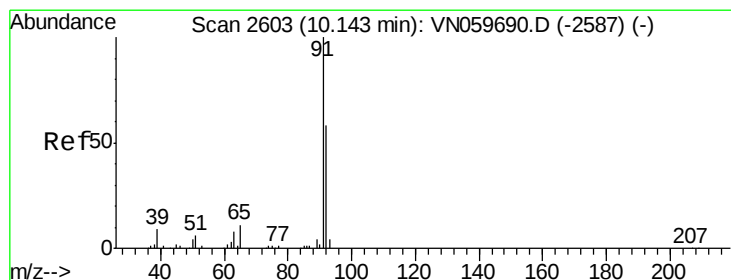
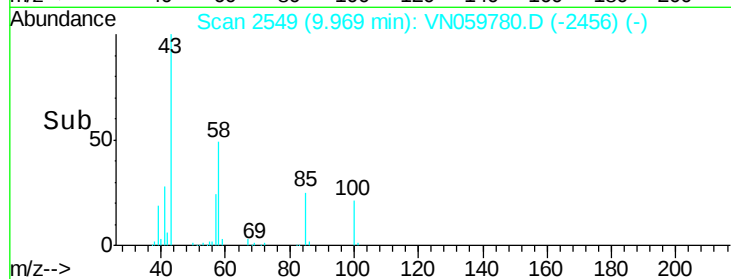
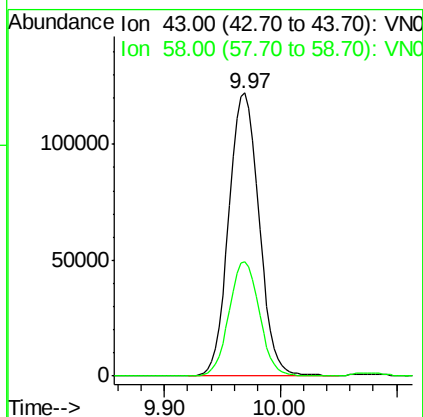
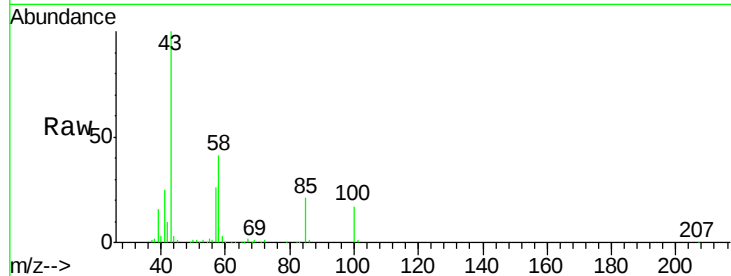
58 40.3 29.8 44.8

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#52

Toluene

Concen: 19.524 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059780.D

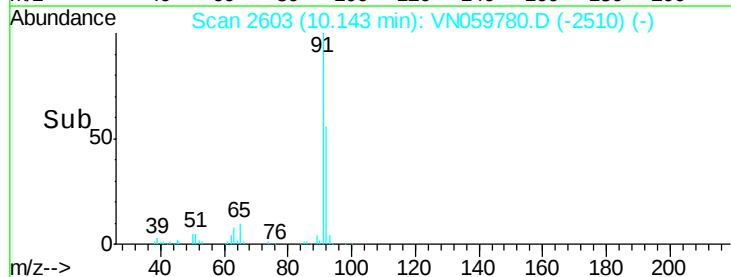
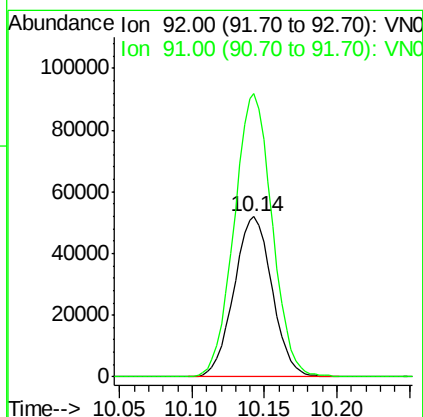
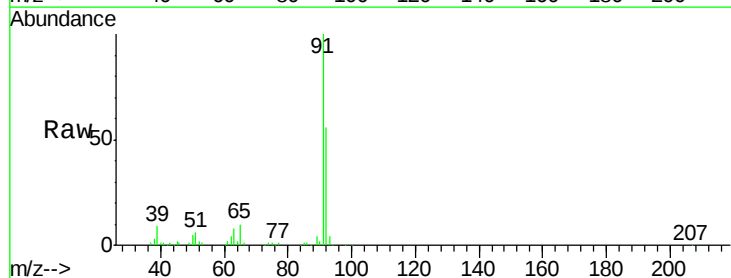
Acq: 20 Jan 2020 12:20

Tgt Ion: 92 Resp: 94729

Ion Ratio Lower Upper

92 100

91 176.2 140.4 210.6





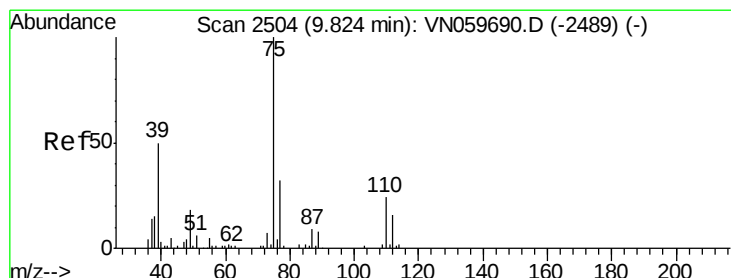
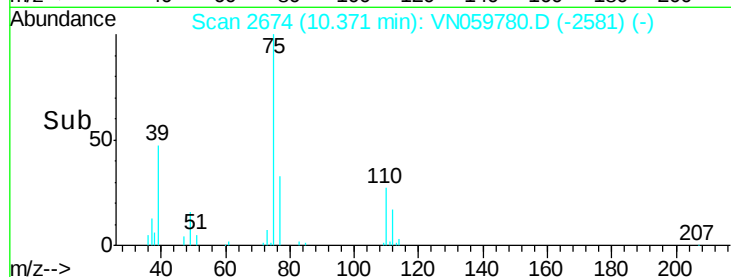
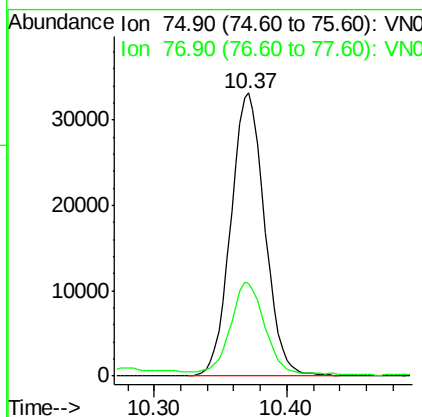
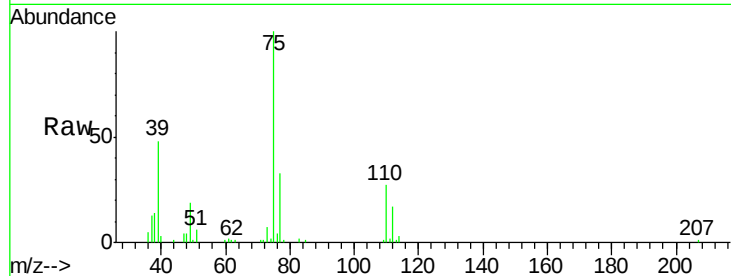
#53
t-1,3-Dichloropropene
Concen: 19.525 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampled :
VN0120MBS01

Tot Ion: 75 Resp: 58907
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

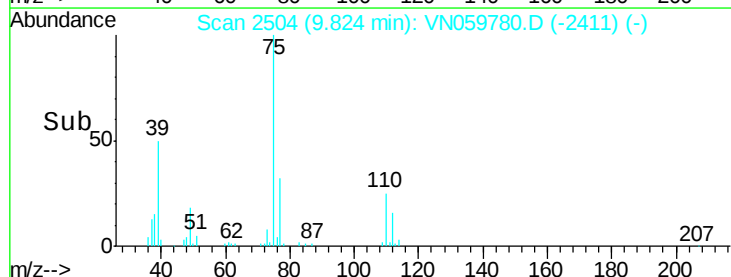
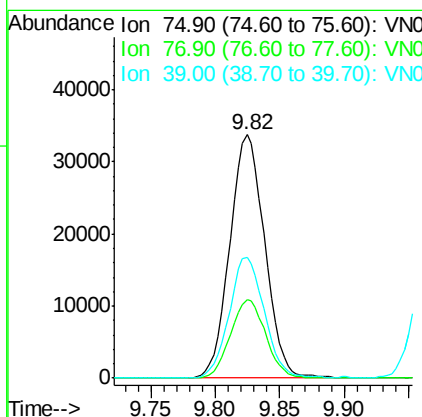
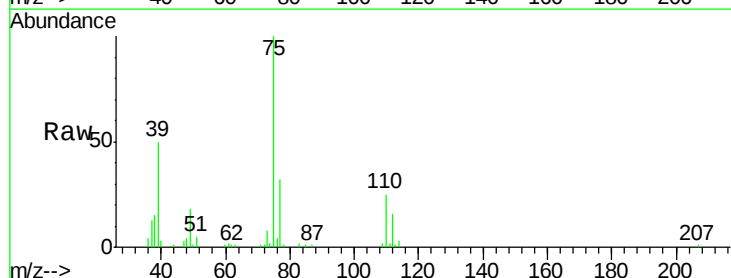
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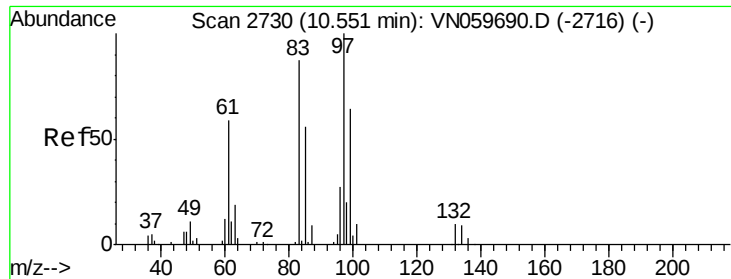
MMDadoda
1/21/2020 11:01:03 AM



#54
cis-1,3-Dichloropropene
Concen: 20.007 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion: 75 Resp: 63512
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7
39 49.8 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 19.960 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion: 97 Resp: 38356

Ion Ratio Lower Upper

97 100

83 87.5 71.3 106.9

85 55.9 45.8 68.8

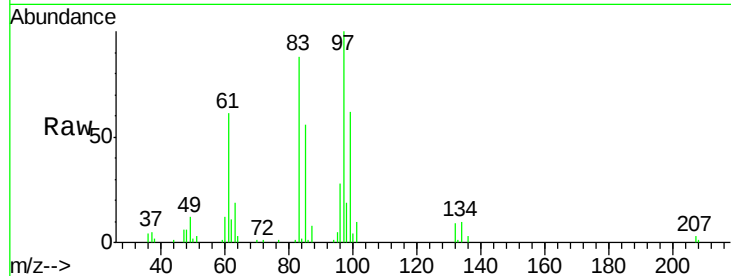
99 61.7 50.0 75.0

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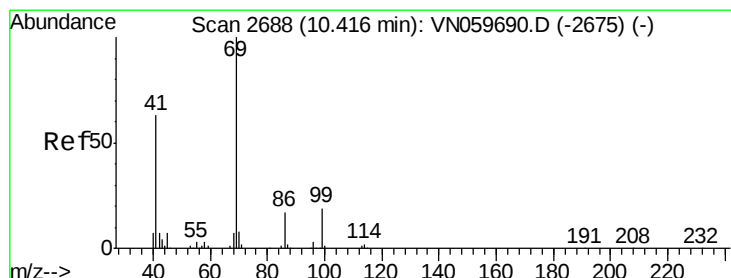
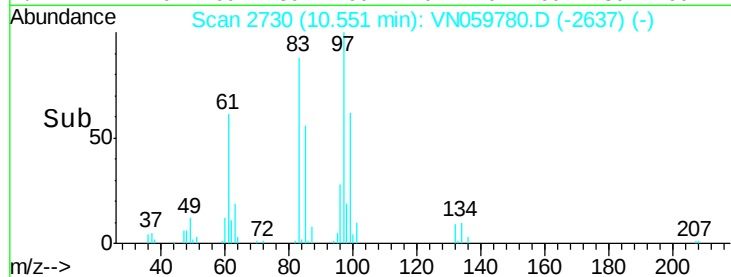
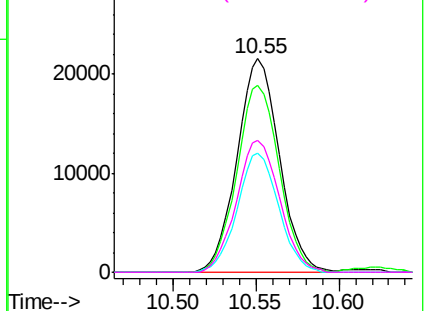


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.536 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion: 69 Resp: 54428

Ion Ratio Lower Upper

69 100

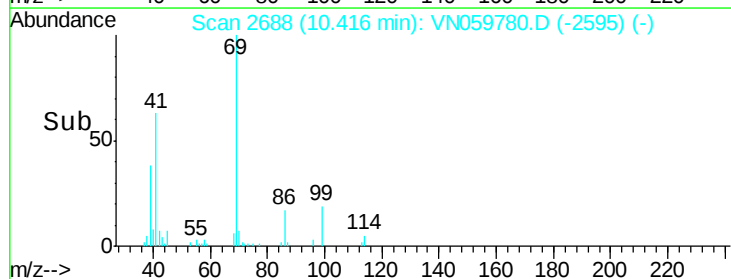
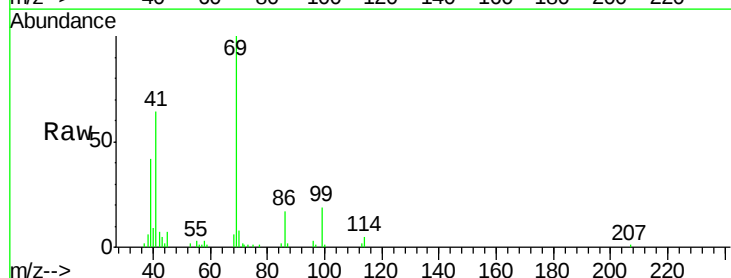
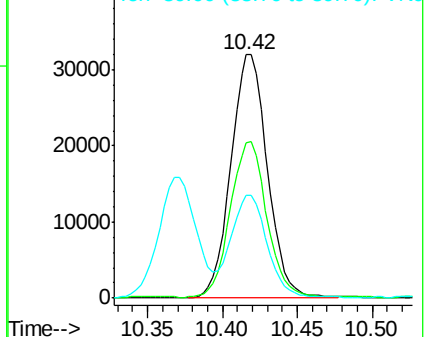
41 65.4 57.1 85.7

39 41.6 34.7 52.1

Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.894 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion: 76 Resp: 60693

Ion Ratio Lower Upper

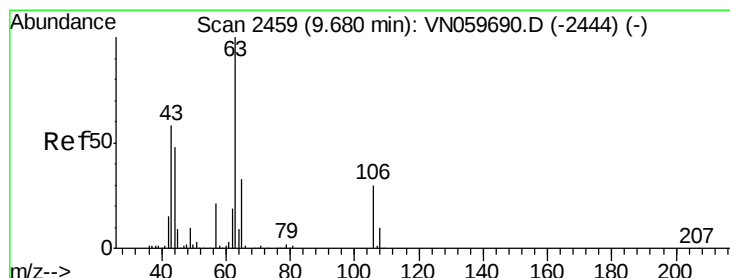
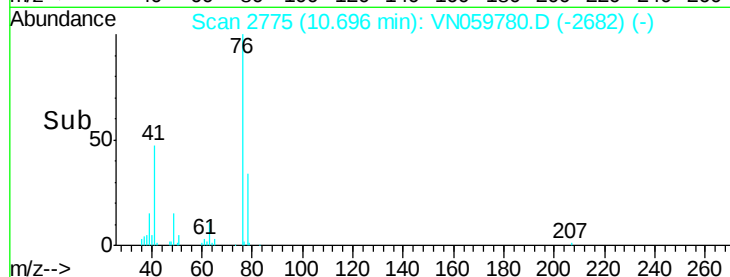
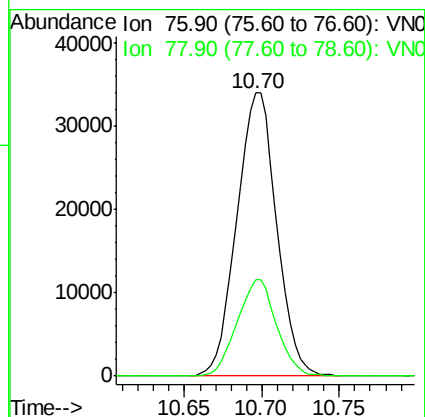
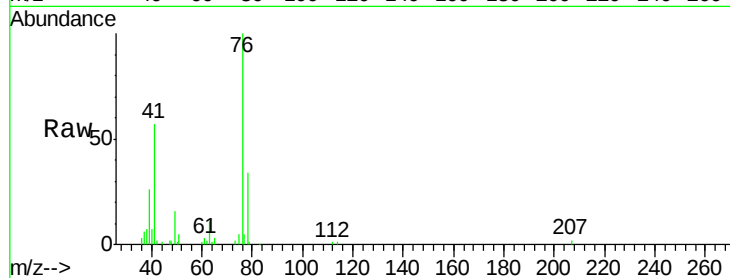
76 100

78 33.7 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 103.657 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059780.D

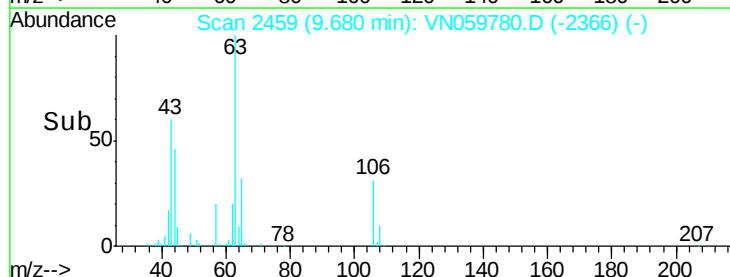
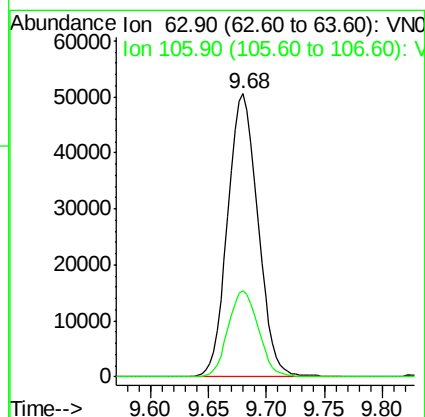
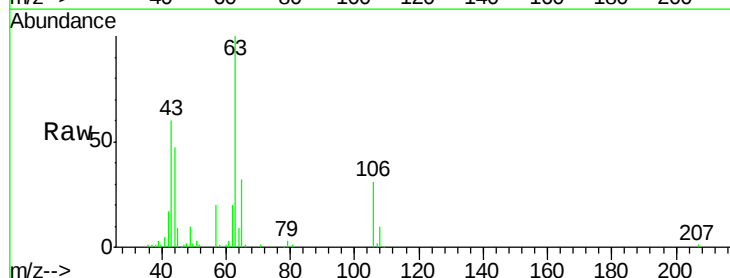
Acq: 20 Jan 2020 12:20

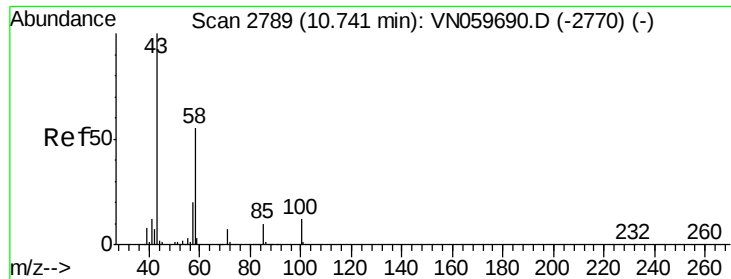
Tgt Ion: 63 Resp: 91677

Ion Ratio Lower Upper

63 100

106 30.2 20.2 30.2





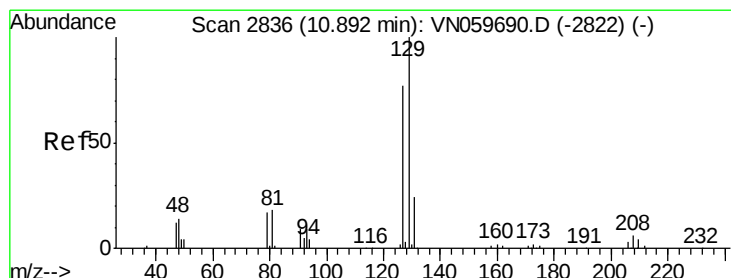
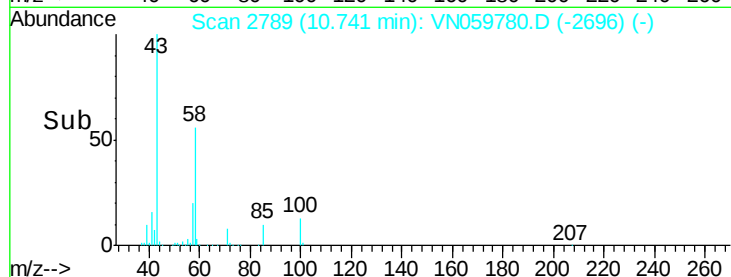
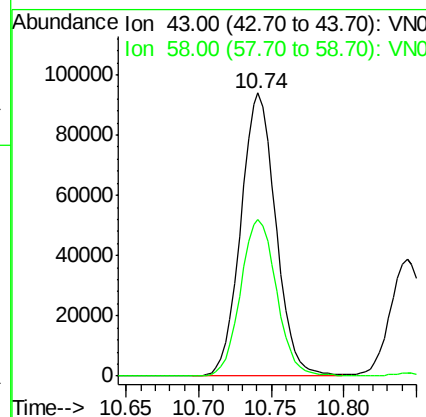
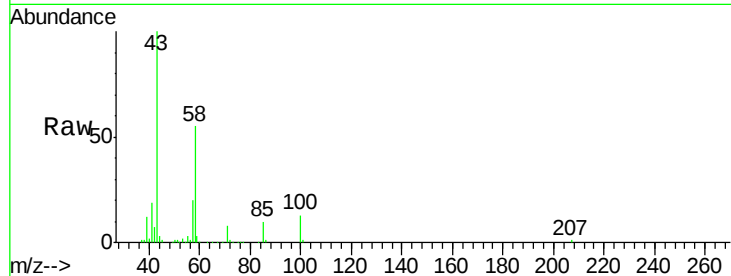
#59
2-Hexanone
Concen: 89.202 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampled :
VN0120MBS01

Tot Ion: 43 Resp: 157847
Ion Ratio Lower Upper
43 100
58 57.0 25.8 77.3

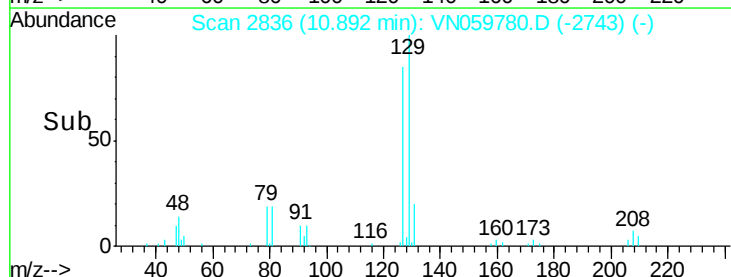
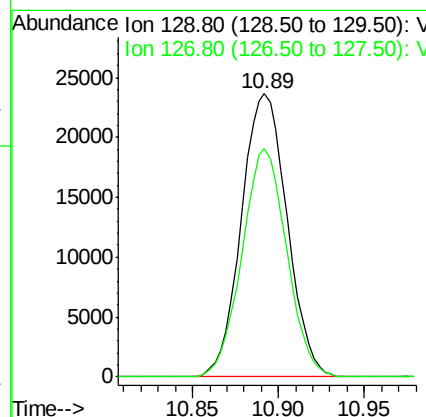
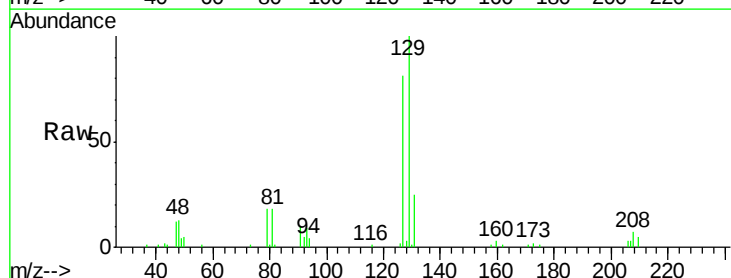
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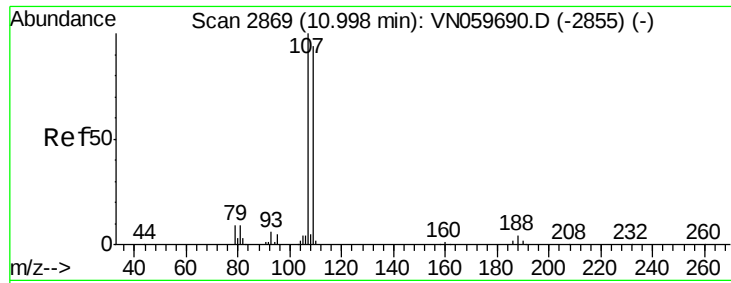
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#60
Dibromochloromethane
Concen: 19.881 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion: 129 Resp: 43507
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5





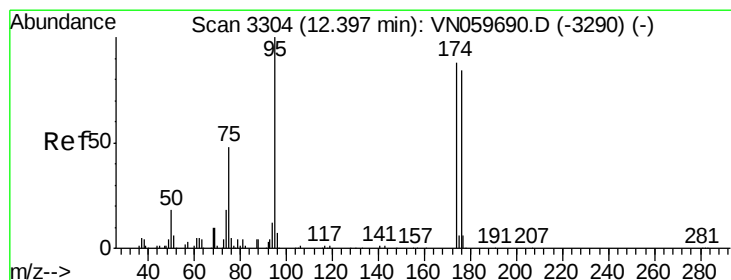
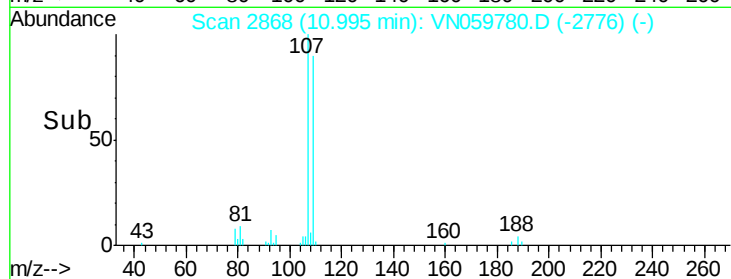
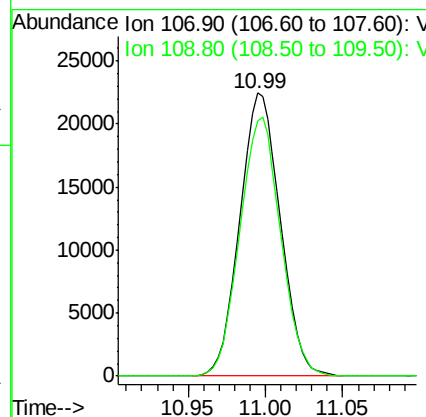
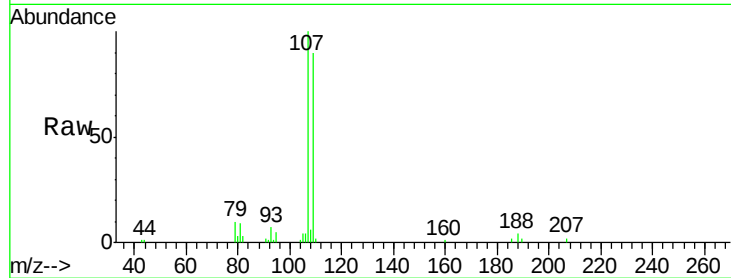
#61
 1,2-Dibromoethane
 Concen: 20.255 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	76.6	115.0

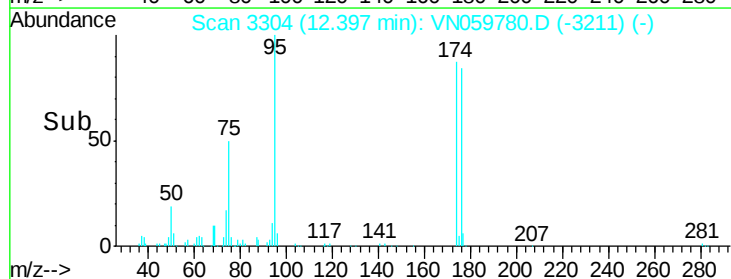
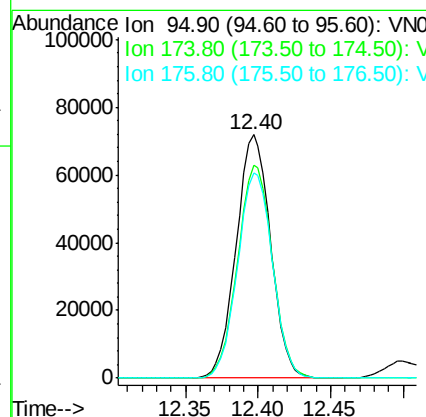
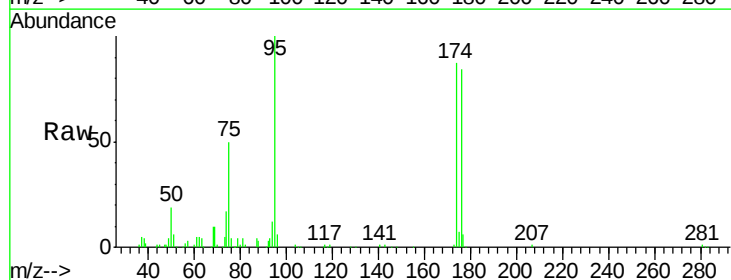
Manual Integrations
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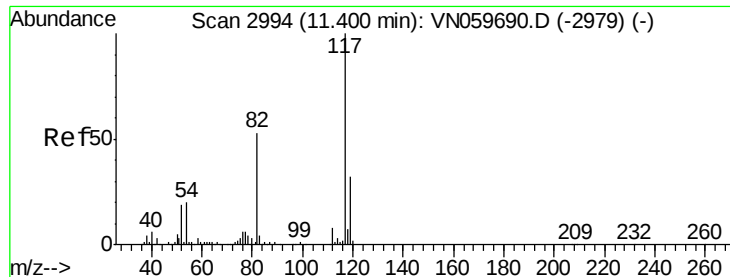
MMDadoda
 1/21/2020 11:01:03 AM



#62
 4-Bromofluorobenzene
 Concen: 48.016 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	151.4
176	85.8	0.0	146.0





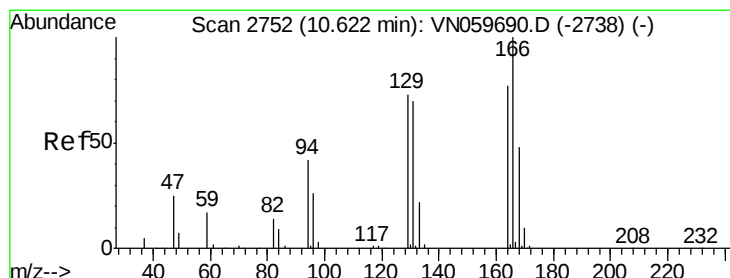
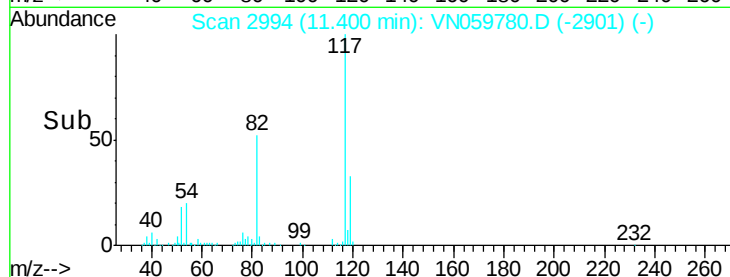
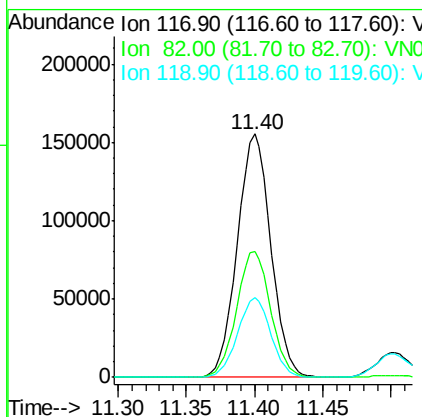
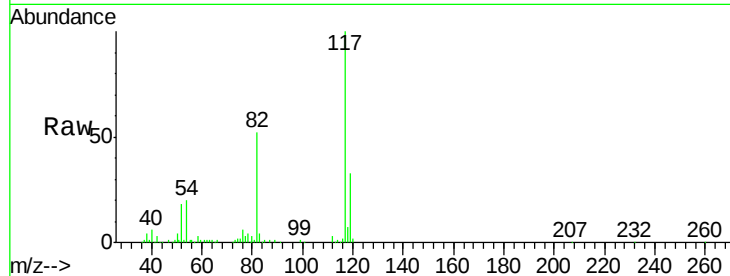
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	265478		
82	51.7		45.9	68.9
119	32.6		25.5	38.3

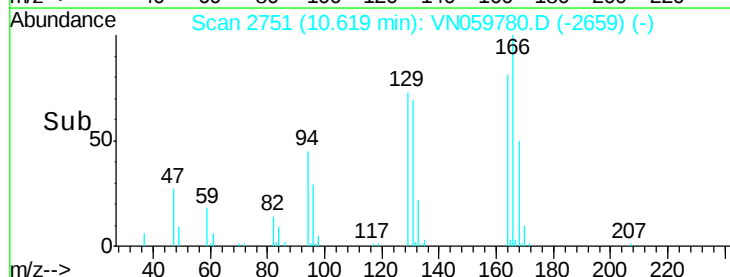
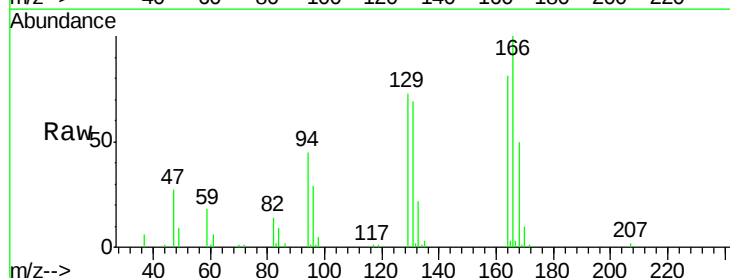
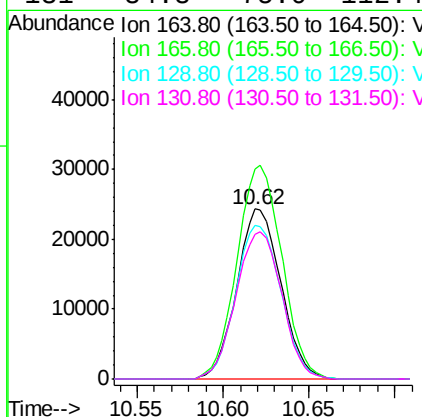
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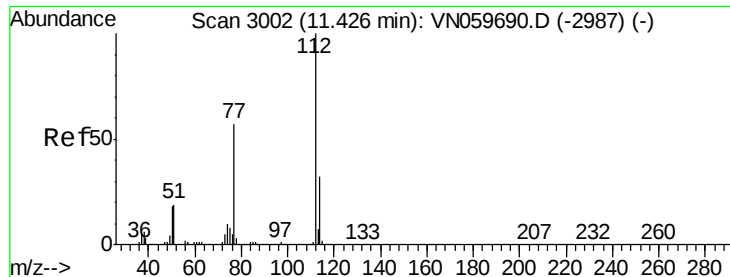
MMDadoda
1/21/2020 11:01:03 AM



#64
Tetrachloroethene
Concen: 20.022 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43321		
166	123.8		101.4	152.0
129	90.6		80.2	120.4
131	84.8		75.0	112.4





#65

Chlorobenzene

Concen: 20.135 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampled :

VN0120MBS01

Tot Ion:112 Resp: 105064

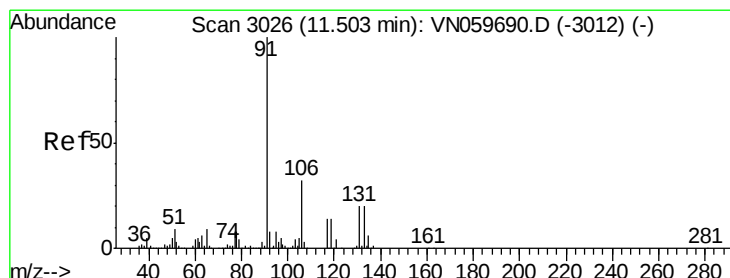
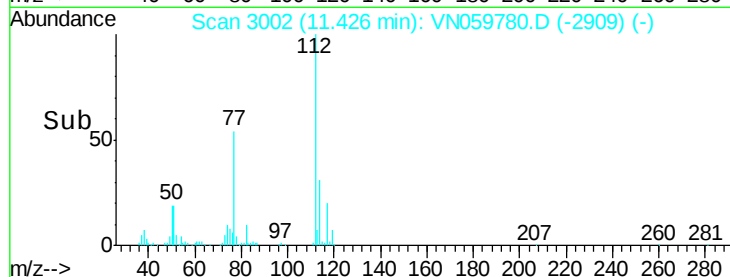
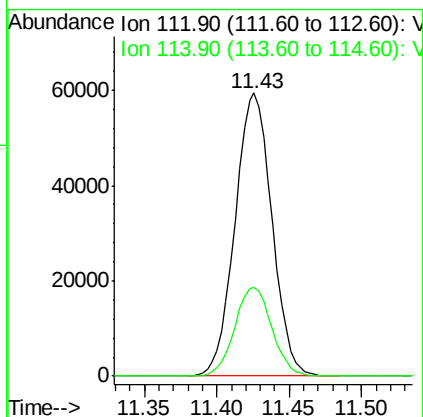
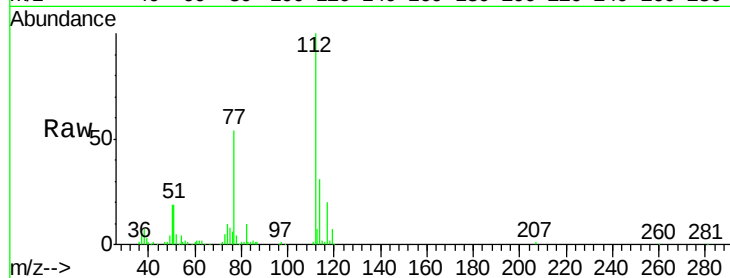
Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.208 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

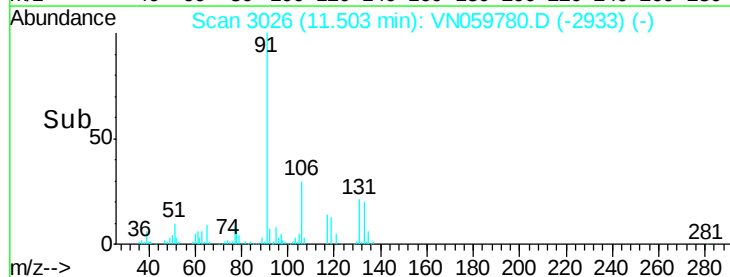
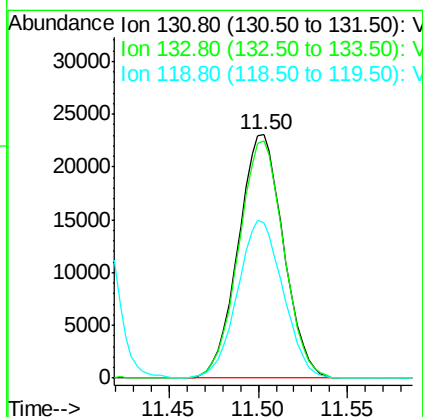
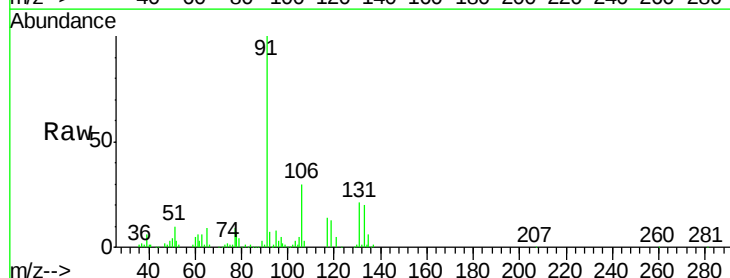
Tgt Ion:131 Resp: 40744

Ion Ratio Lower Upper

131 100

133 97.1 47.4 142.2

119 65.4 33.1 99.3





#67

Ethyl Benzene

Concen: 19.422 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampled :

VN0120MBS01

Tot Ion: 91 Resp: 183974

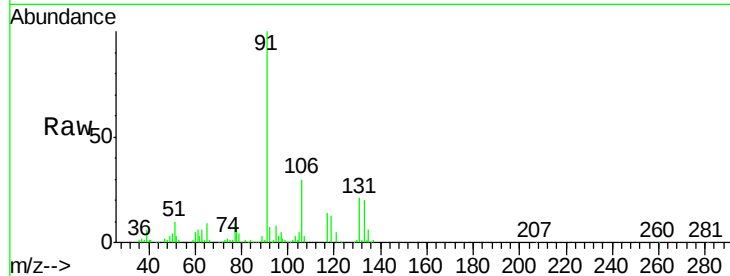
Ion Ratio Lower Upper

91 100

106 30.4 24.1 36.1

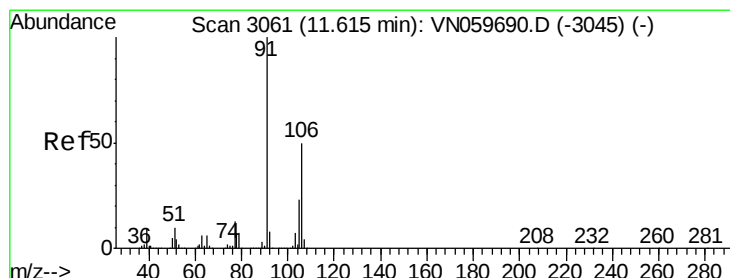
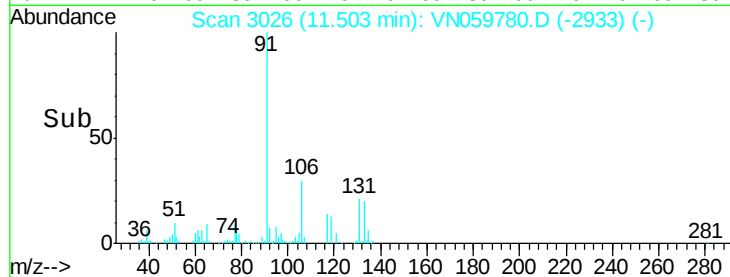
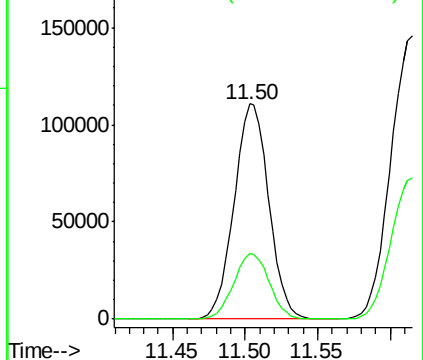
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.488 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059780.D

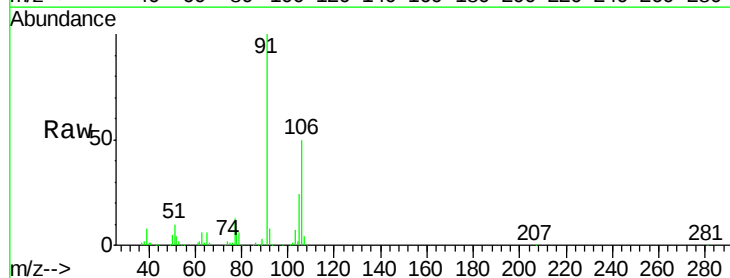
Acq: 20 Jan 2020 12:20

Tgt Ion: 106 Resp: 141292

Ion Ratio Lower Upper

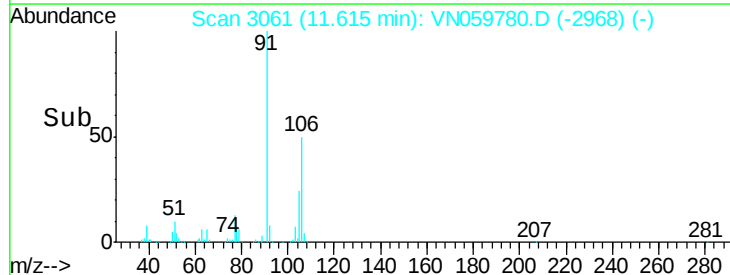
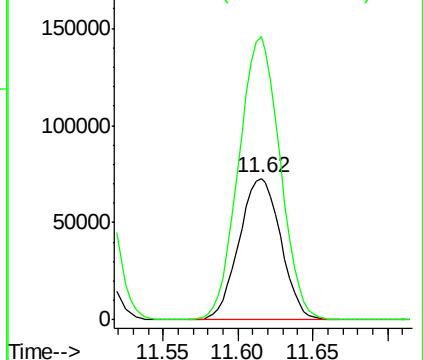
106 100

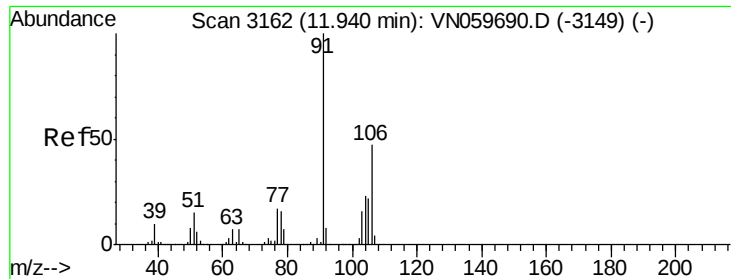
91 198.3 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





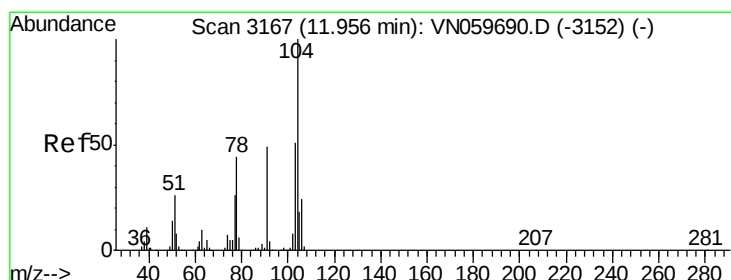
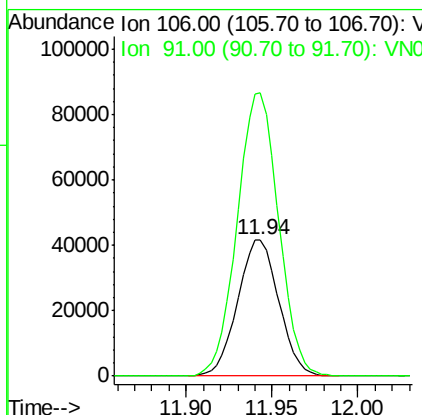
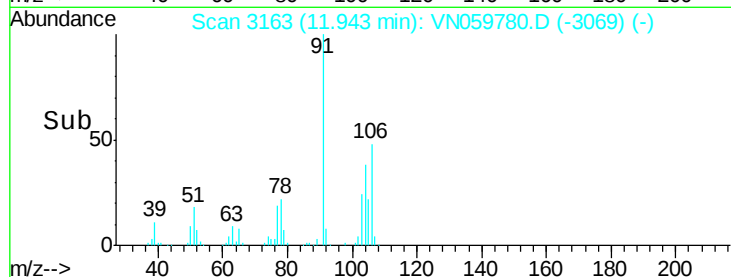
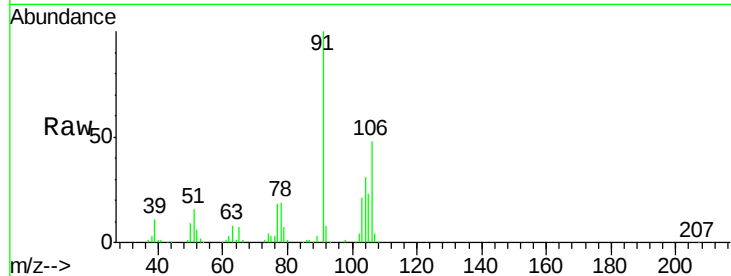
#69
o-Xylene
Concen: 19.728 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleID :
VN0120MBS01

Tot Ion:106 Resp: 69109
Ion Ratio Lower Upper
106 100
91 209.1 110.3 330.9

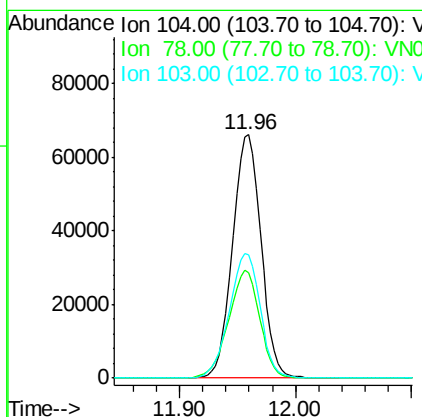
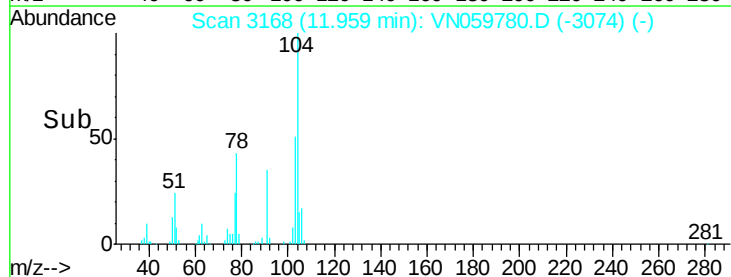
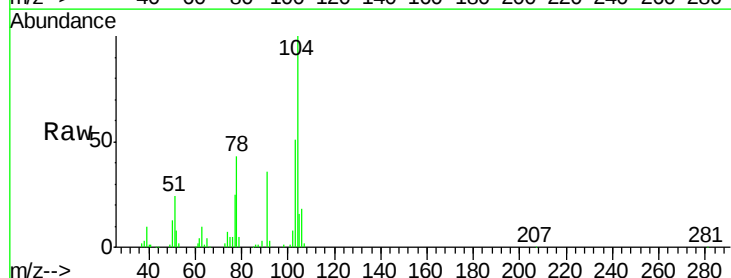
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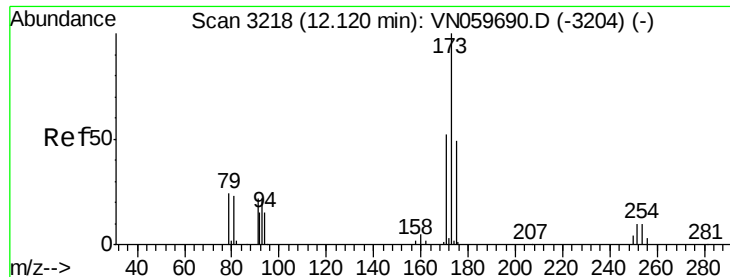
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#70
Styrene
Concen: 19.130 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion:104 Resp: 112134
Ion Ratio Lower Upper
104 100
78 48.4 42.4 63.6
103 55.7 43.9 65.9





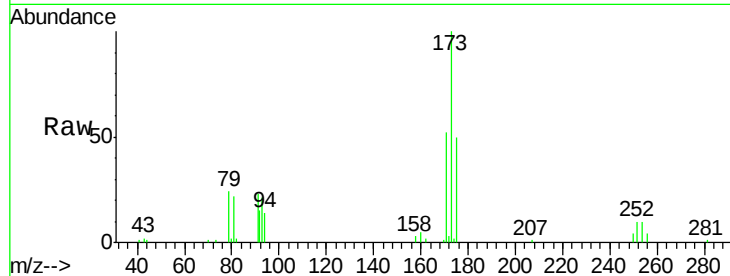
#71
Bromoform
Concen: 20.308 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampled :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.8	71.4
254	0.0	0.0	0.0

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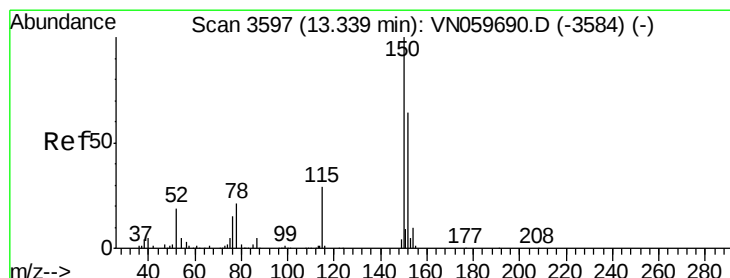
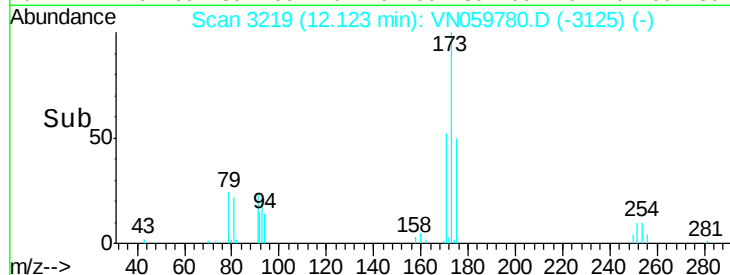
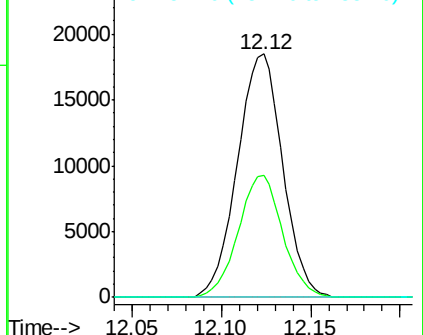


Abundance

Ion 172.70 (172.40 to 173.40): V

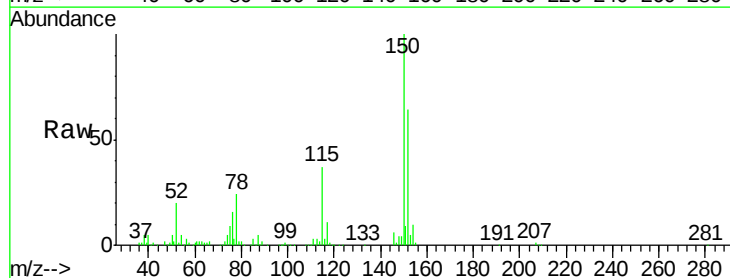
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	30.3	90.9
150	162.3	0.0	345.2

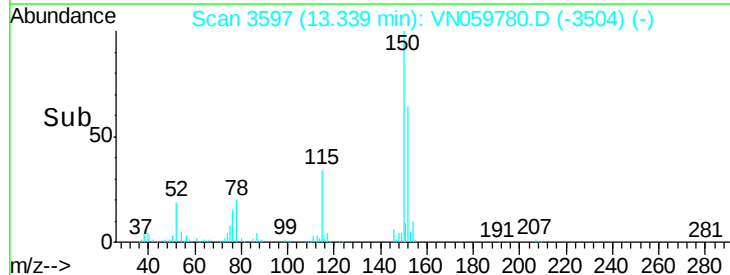
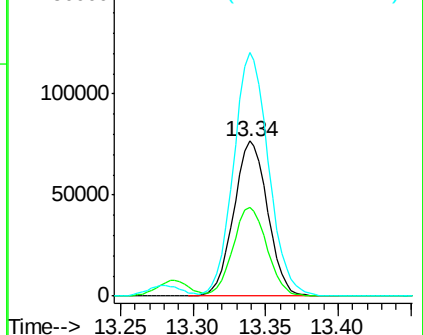


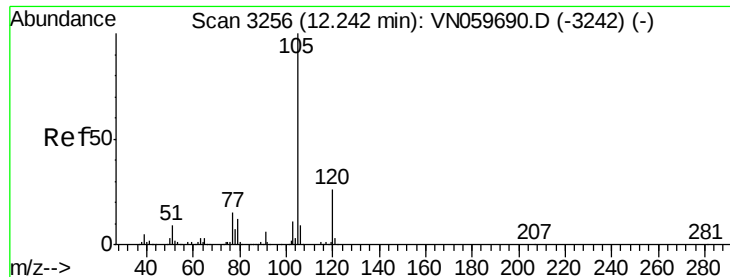
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.844 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion: 105 Resp: 181606

Ion Ratio Lower Upper

105 100

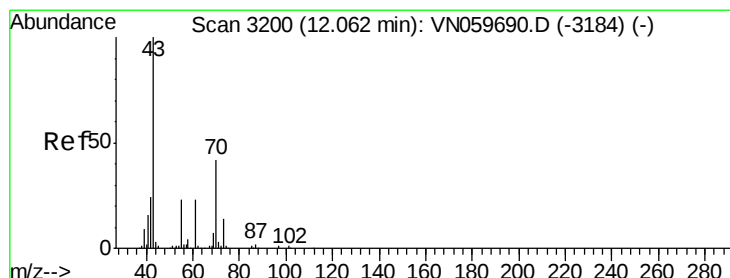
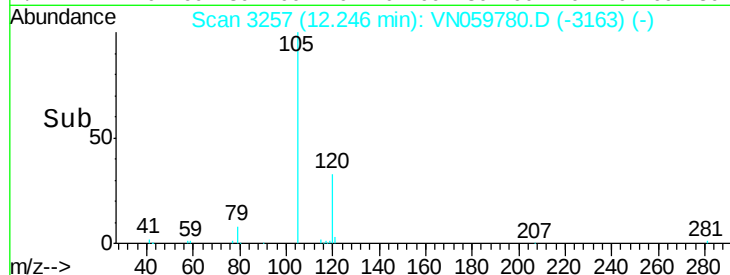
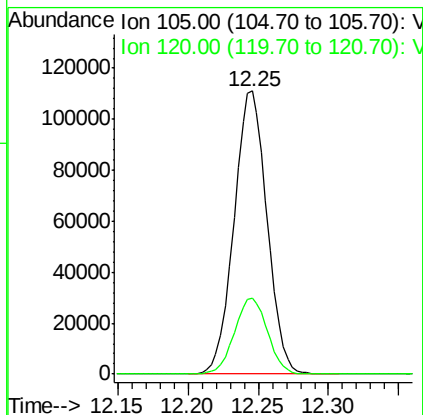
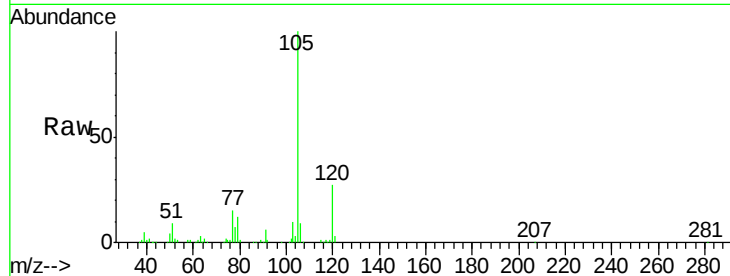
120 26.9 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.022 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion: 43 Resp: 64000

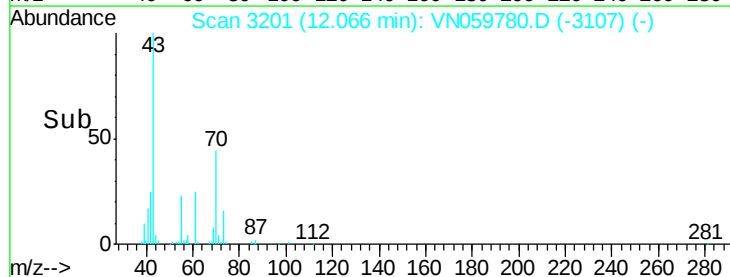
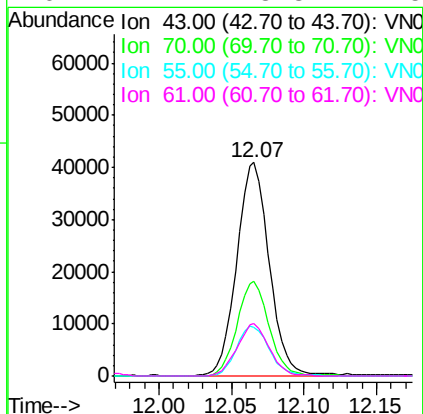
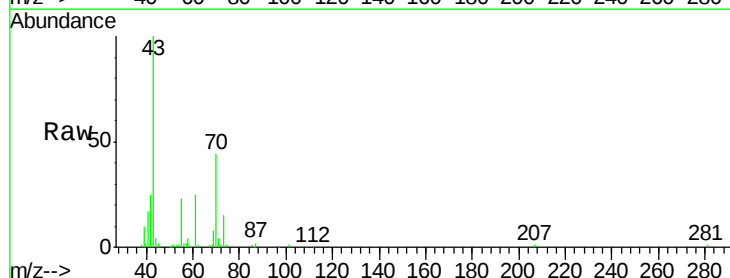
Ion Ratio Lower Upper

43 100

70 43.5 31.3 46.9

55 23.5 19.8 29.6

61 24.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.316 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

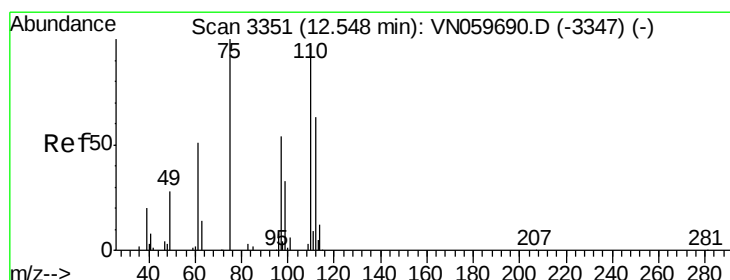
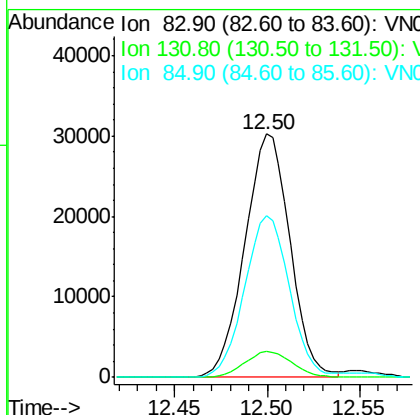
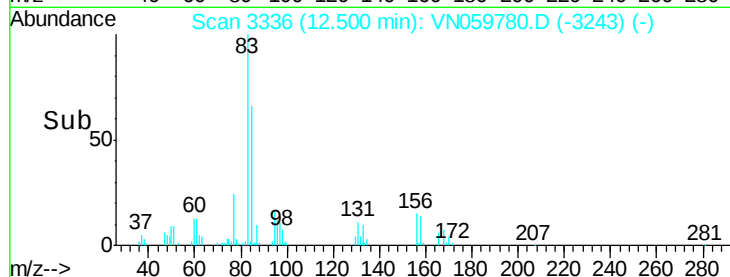
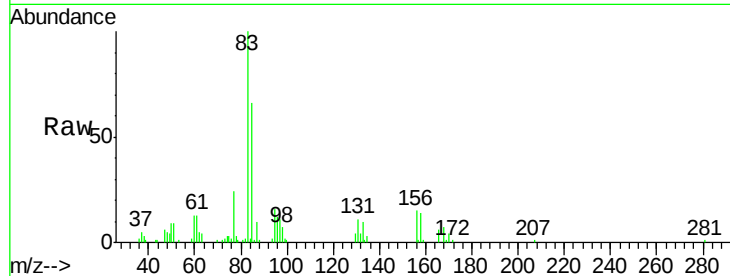
ClientSampleId :

VN0120MBS01

Tot Ion:	83	Resp:	51246
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.0	14.9
85	66.0	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.659 ug/l m

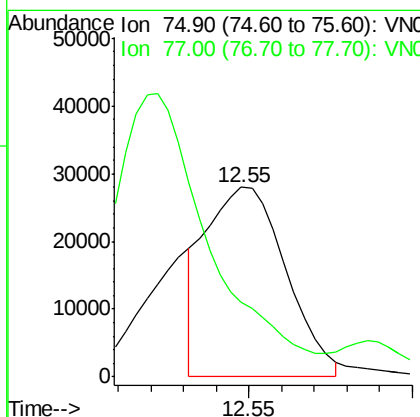
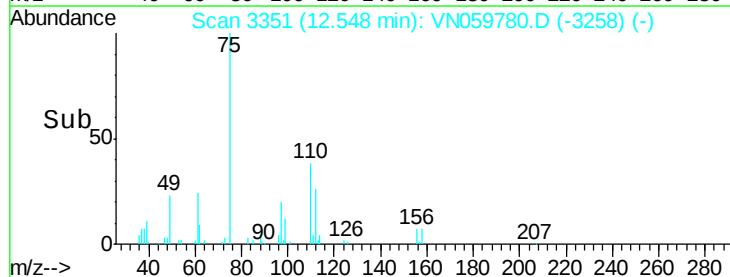
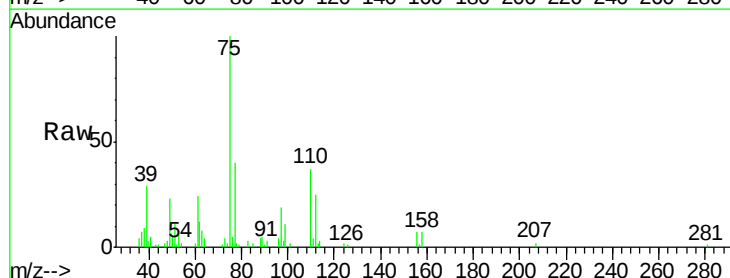
RT: 12.55 min Scan# 3351

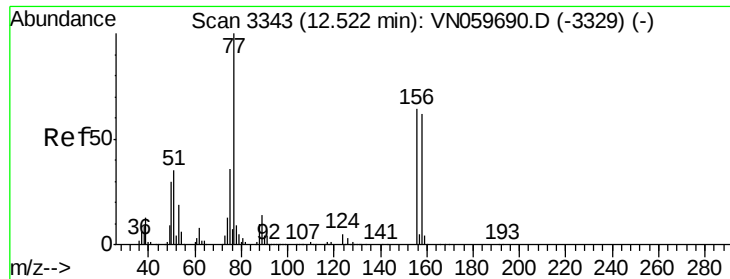
Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion:	75	Resp:	47584
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.538 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

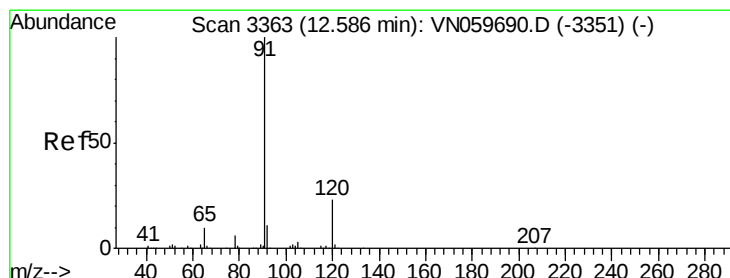
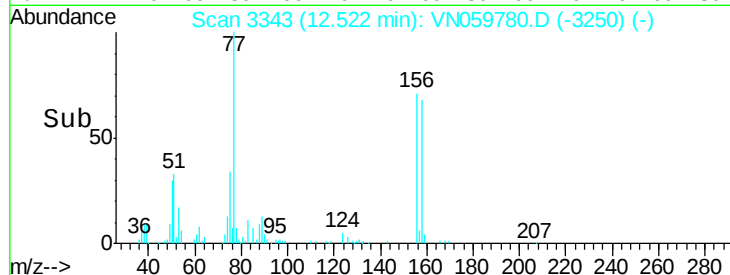
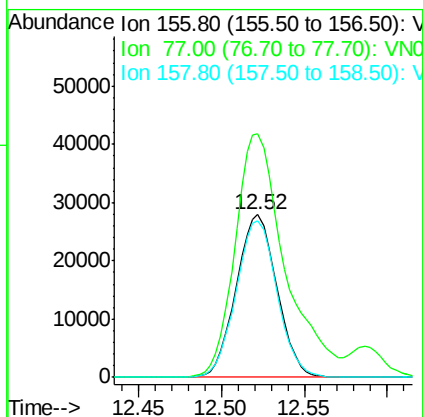
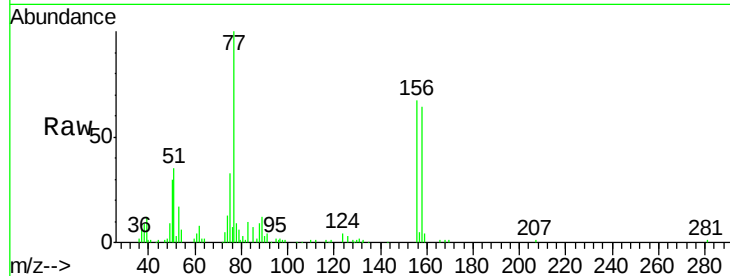
ClientSampleId :

VN0120MBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	185.2	115.8	347.4	
158	97.1	49.2	147.6	

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#78

n-propylbenzene

Concen: 19.813 ug/l

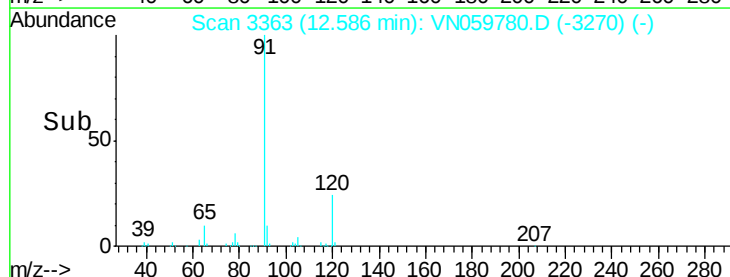
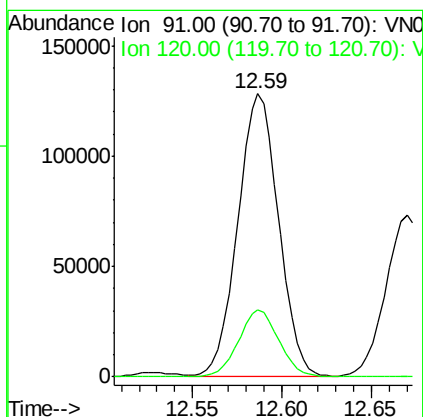
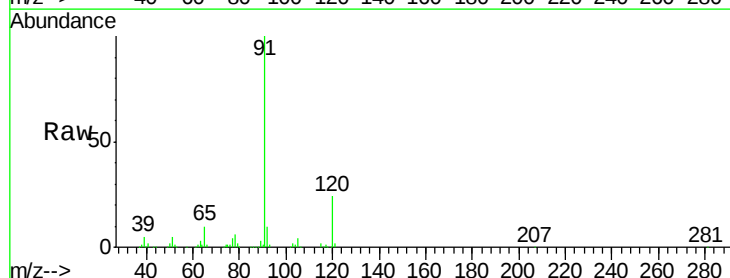
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.5	11.1	33.3	





#79

2-Chlorotoluene

Concen: 19.779 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion: 91 Resp: 120864

Ion Ratio Lower Upper

91 100

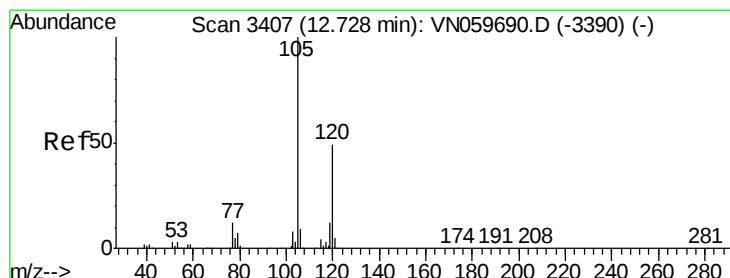
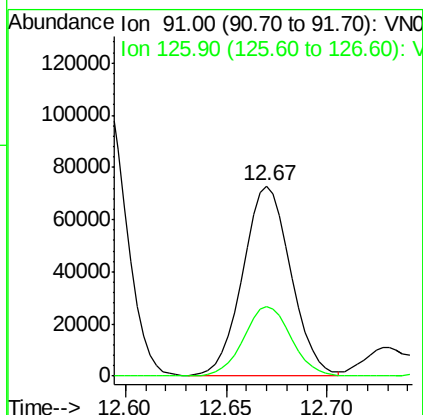
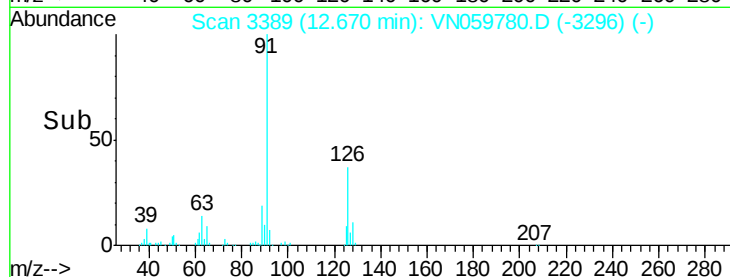
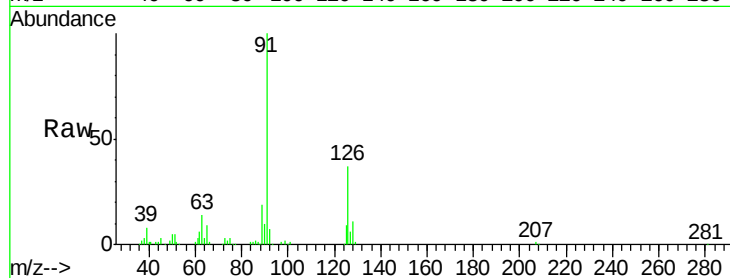
126 36.5 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.992 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059780.D

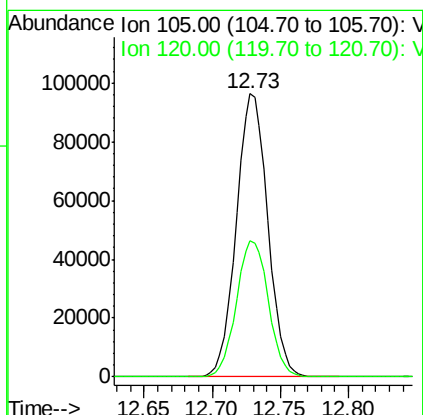
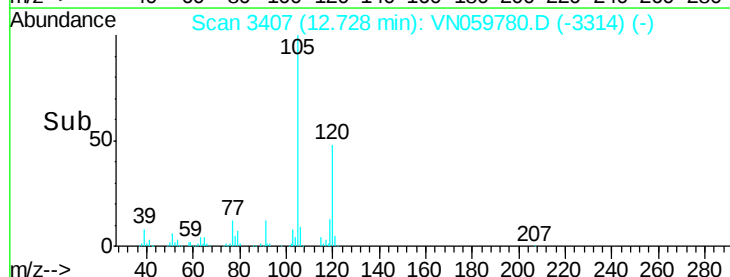
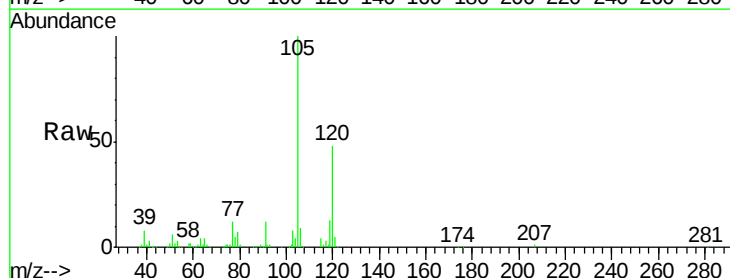
Acq: 20 Jan 2020 12:20

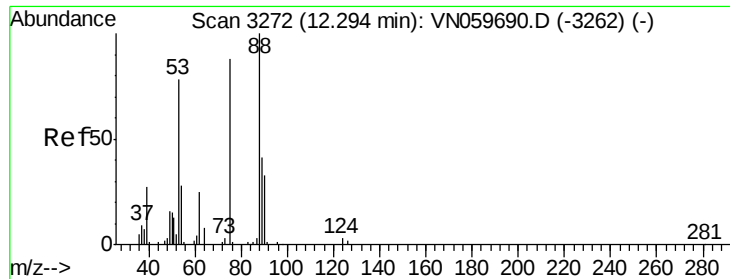
Tgt Ion: 105 Resp: 153871

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





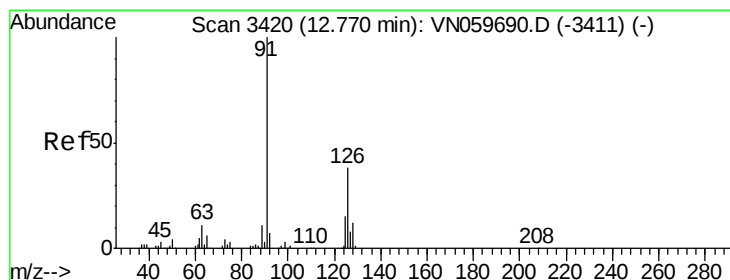
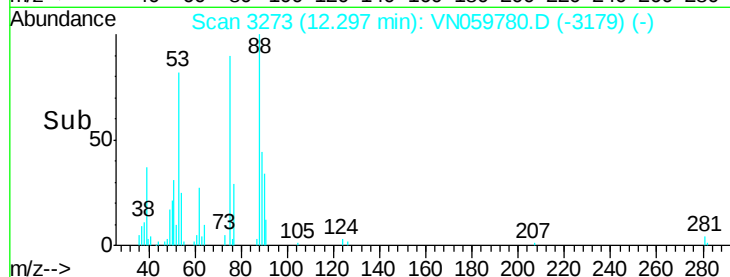
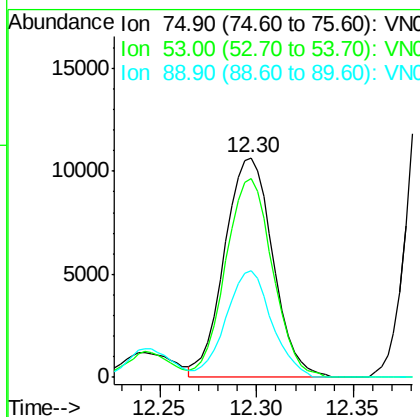
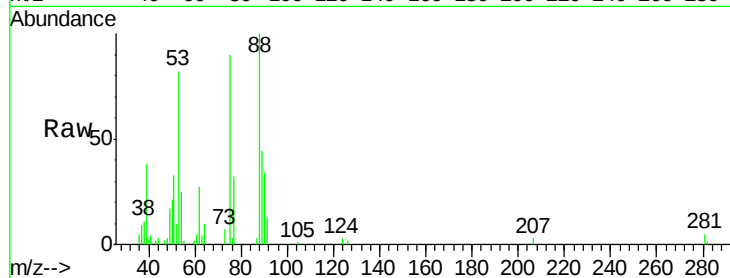
#81
trans-1,4-Dichloro-2-butene
Concen: 18.939 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.3	78.1	117.1
89	46.1	35.4	53.2

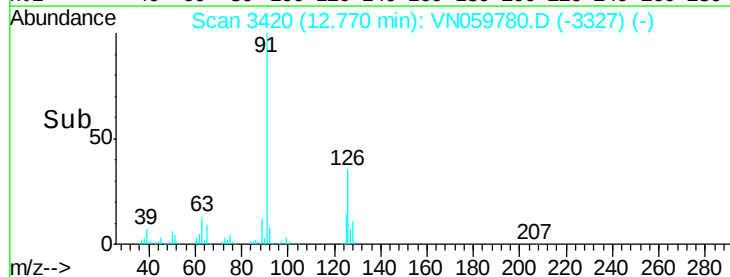
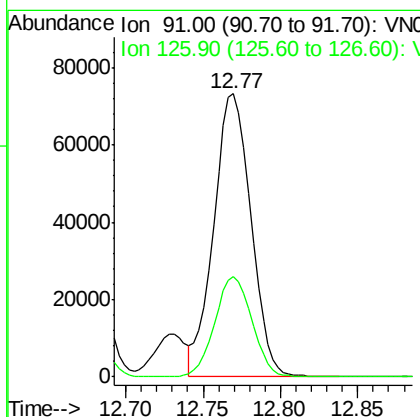
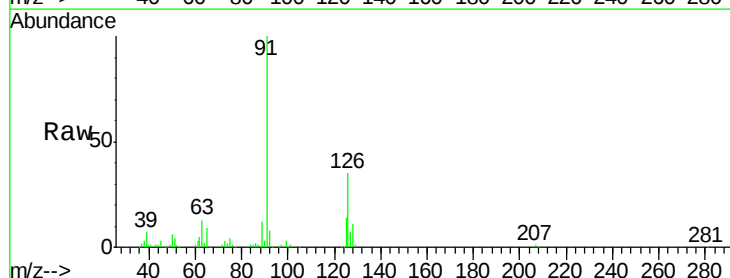
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#82
4-Chlorotoluene
Concen: 20.021 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	16.3	48.8





#83

tert-Butylbenzene

Concen: 19.655 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

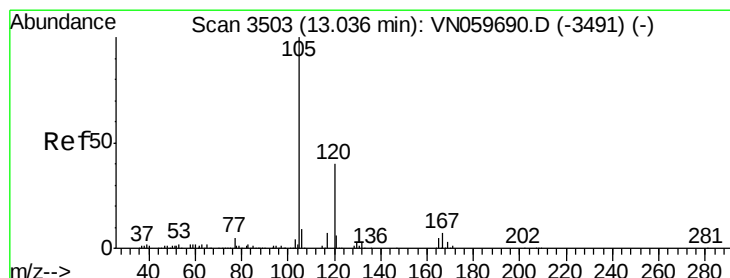
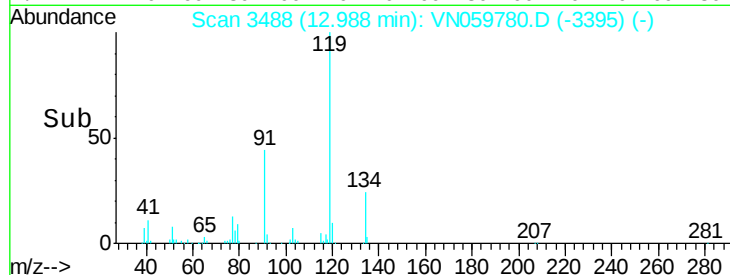
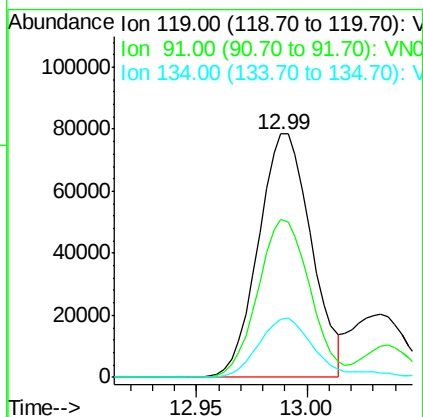
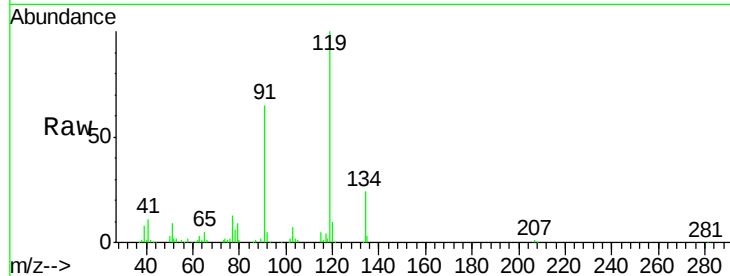
ClientSampleId :

VN0120MBS01

Tot Ion:	119	Resp:	130833
Ion Ratio	Lower	Upper	
119	100		
91	63.7	34.8	104.4
134	26.0	12.3	36.9

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#84

1,2,4-Trimethylbenzene

Concen: 20.171 ug/l

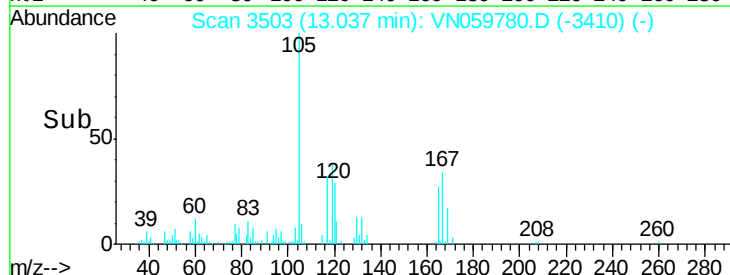
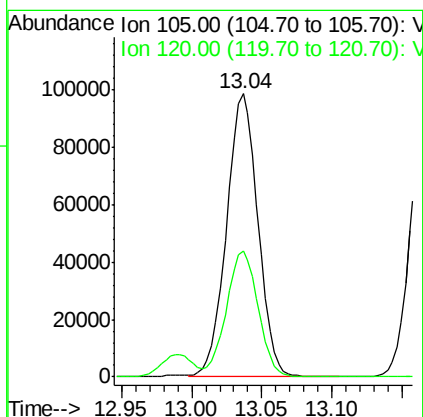
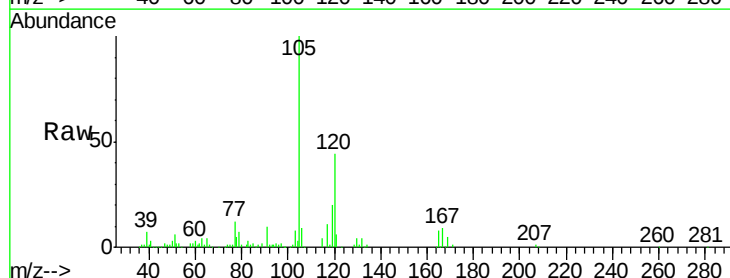
RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Tgt Ion:	105	Resp:	153589
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.3	66.9





#85

sec-Butylbenzene

Concen: 19.775 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0120MBS01

Tot Ion:105 Resp: 172944

Ion Ratio Lower Upper

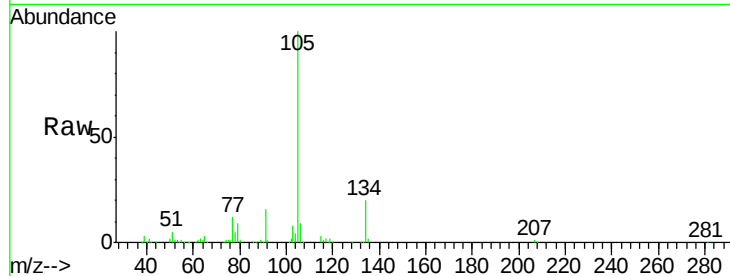
105 100

134 20.2 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

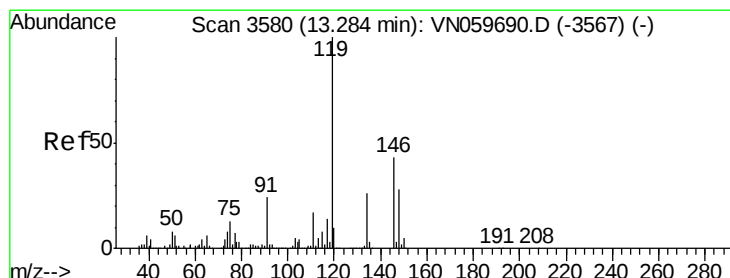
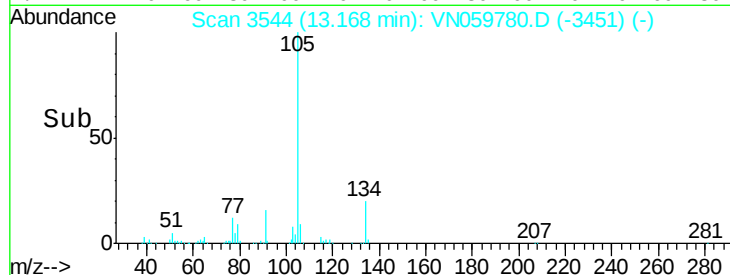
60000

40000

20000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 19.679 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059780.D

Acq: 20 Jan 2020 12:20

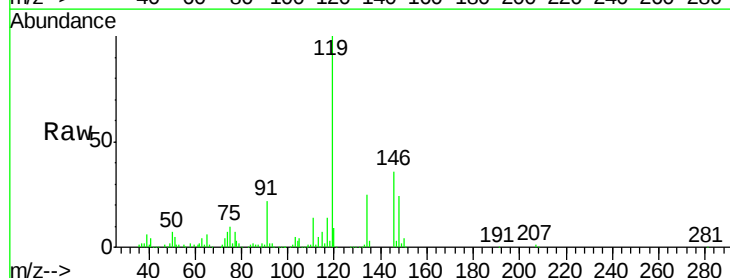
Tgt Ion:119 Resp: 159253

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.4 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

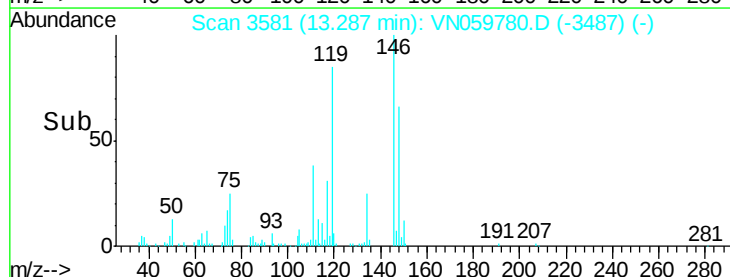
Ion 91.00 (90.70 to 91.70): V

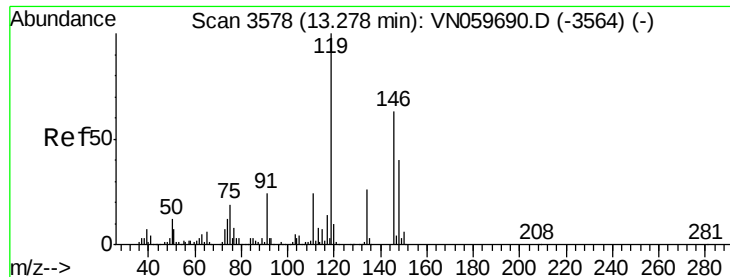
100000

50000

0

Time--> 13.20 13.25 13.30 13.35





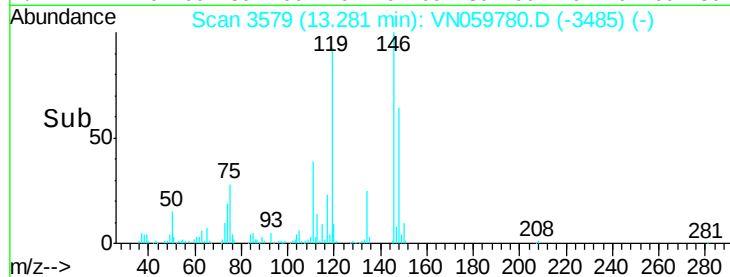
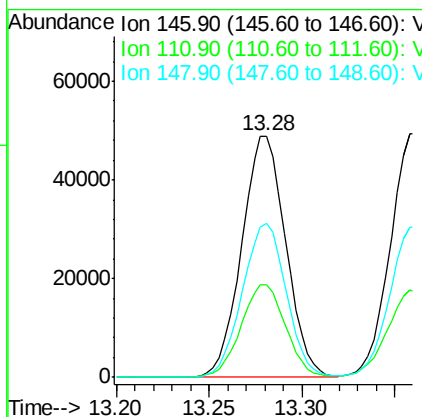
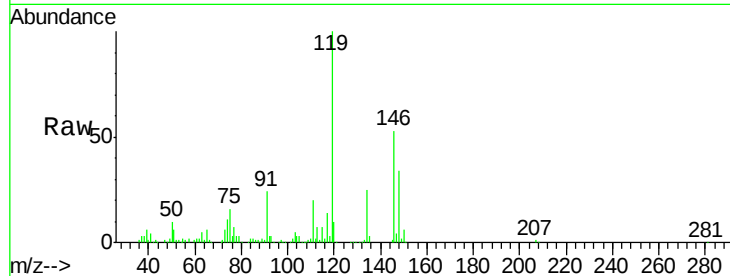
#87
 1,3-Dichlorobenzene
 Concen: 20.055 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.8	62.2
148	63.8	32.0	96.0

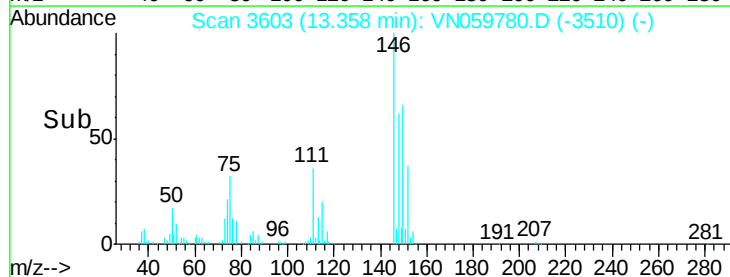
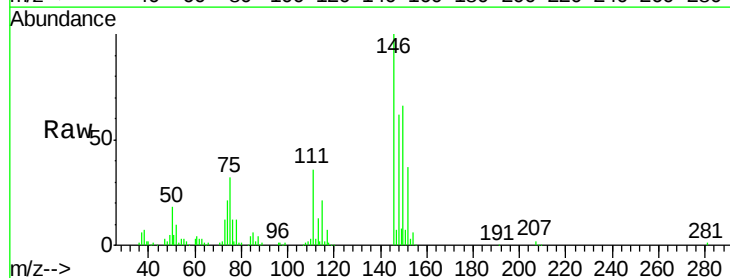
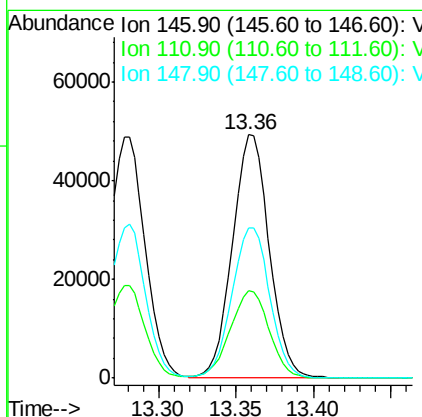
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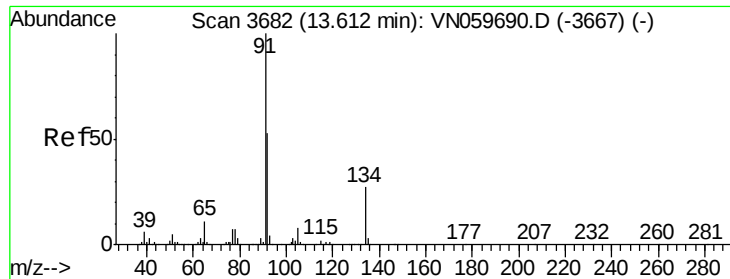
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#88
 1,4-Dichlorobenzene
 Concen: 20.293 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.8	62.2
148	63.5	31.8	95.4





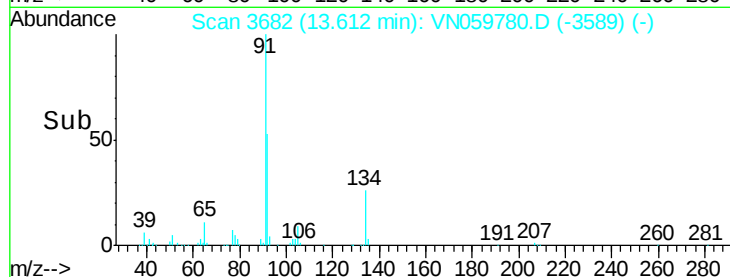
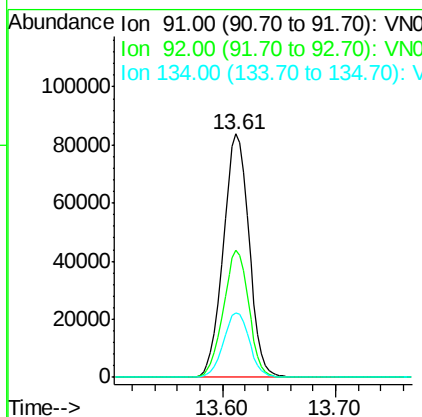
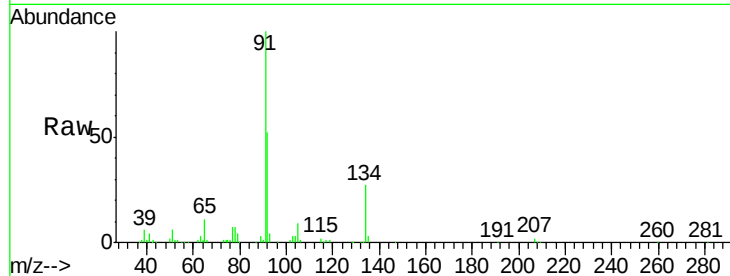
#89
n-Butylbenzene
Concen: 19.276 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.9	77.7
134	26.6	12.3	36.8

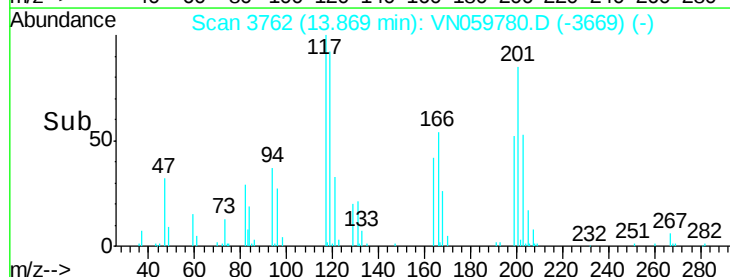
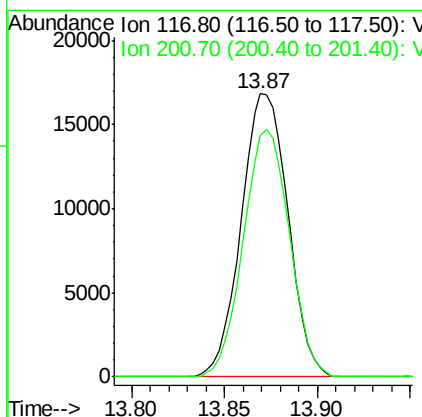
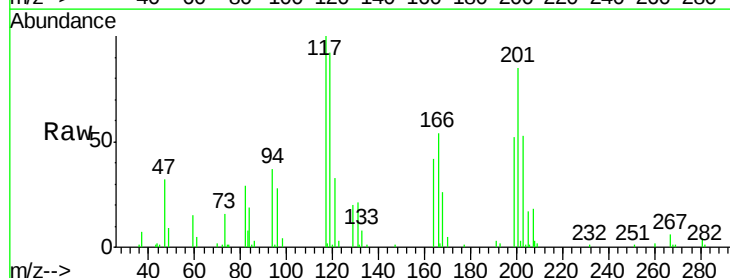
Manual Integrations
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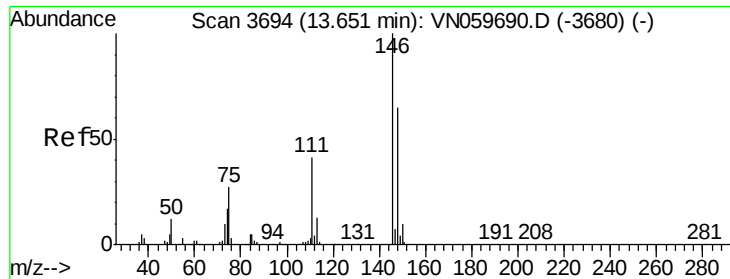
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#90
Hexachloroethane
Concen: 19.511 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	37.8	113.4





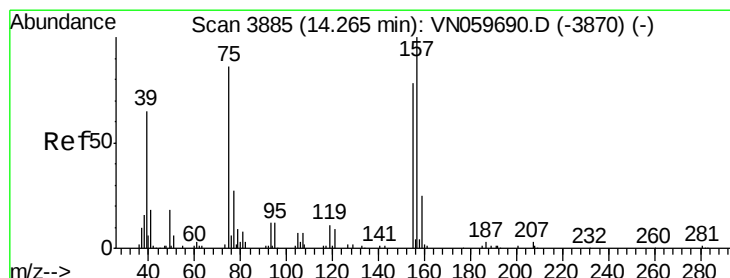
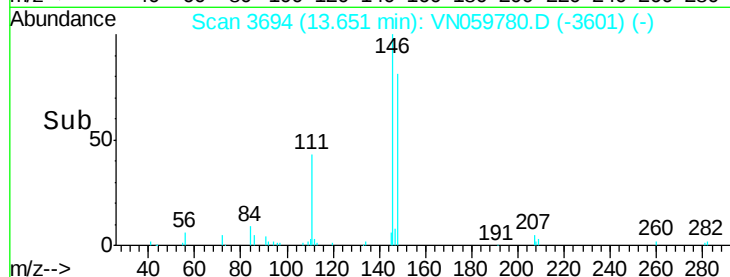
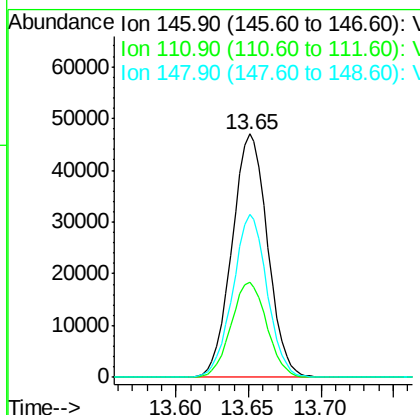
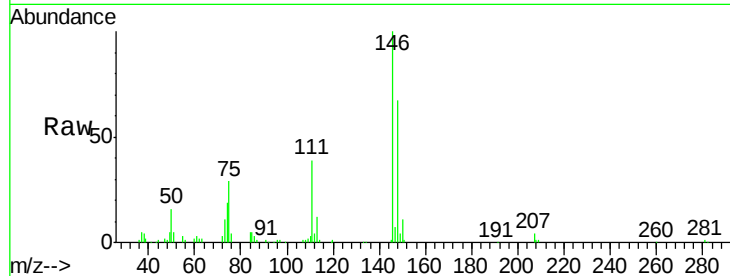
#91
 1,2-Dichlorobenzene
 Concen: 20.108 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	21.6	64.8
148	64.5	31.6	95.0

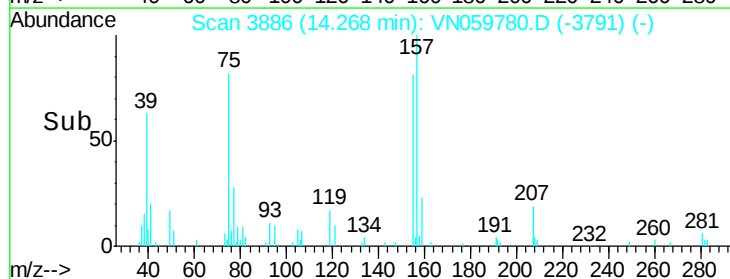
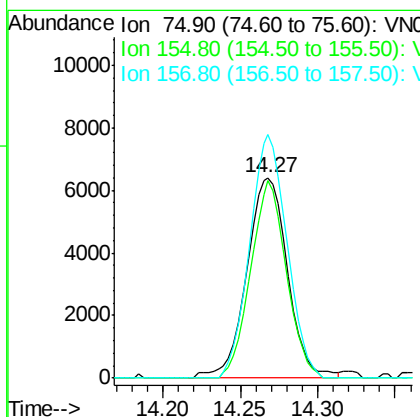
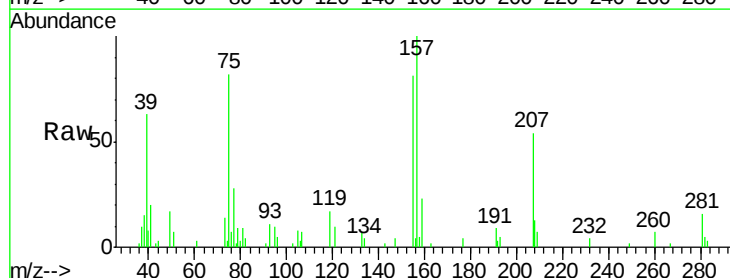
Manual Integrations
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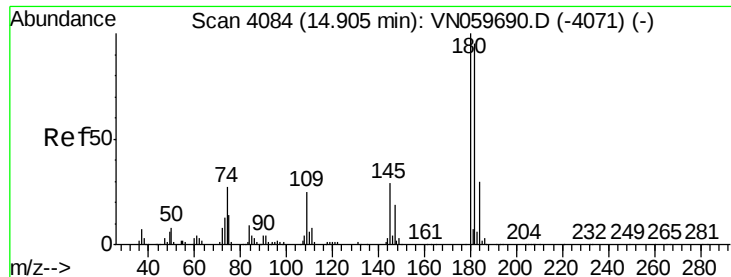
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.332 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059780.D
 Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	37.0	110.9
157	111.0	48.4	145.2





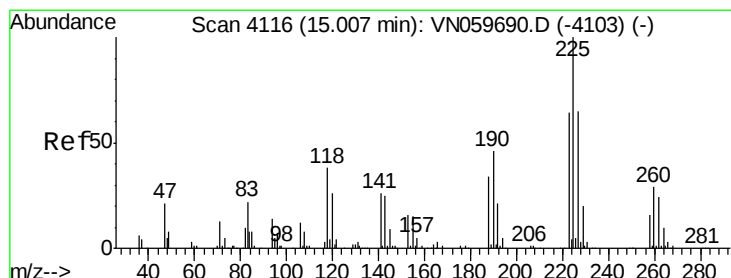
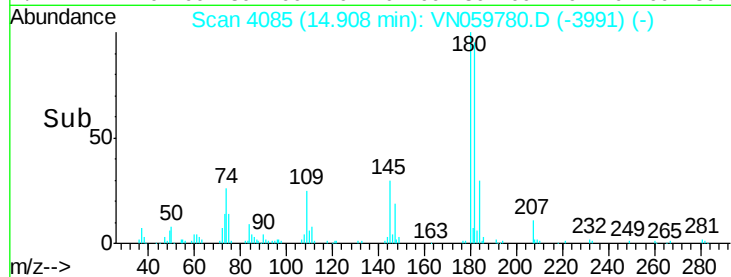
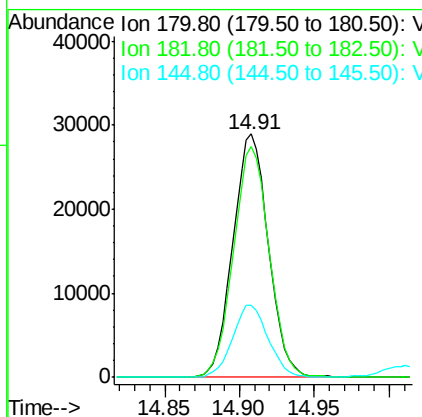
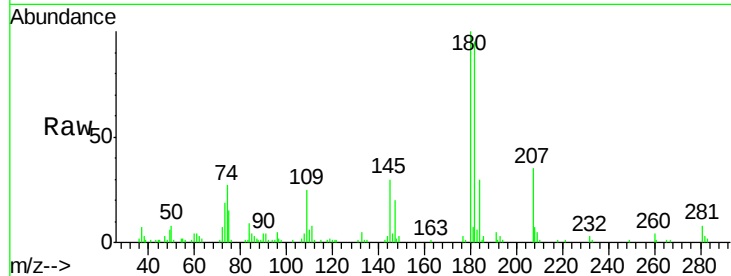
#93
1,2,4-Trichlorobenzene
Concen: 19.983 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	29.8	15.0	45.1

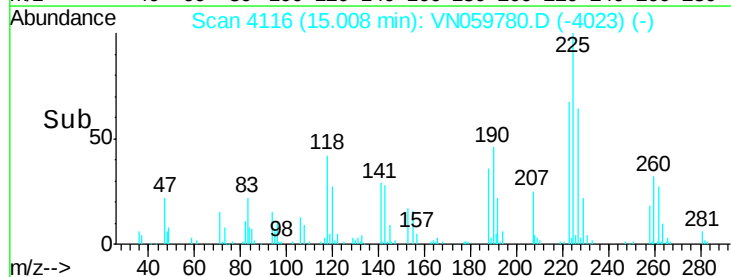
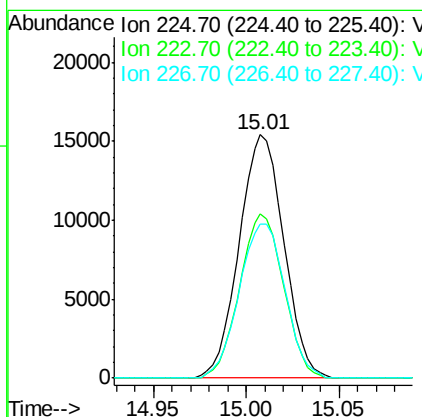
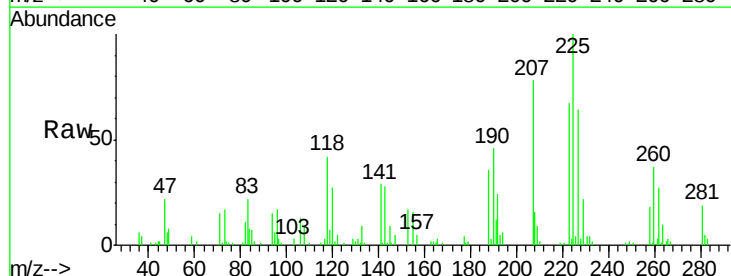
Manual Integrations
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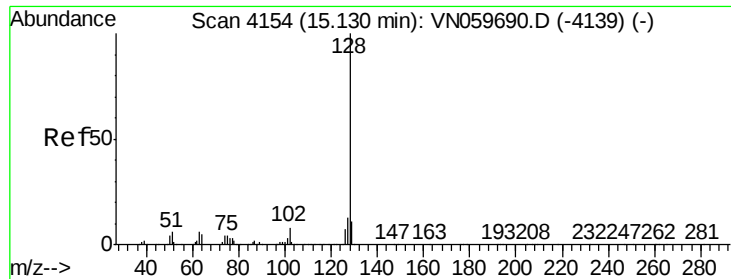
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#94
Hexachlorobutadiene
Concen: 19.587 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.1	31.8	95.3
227	65.2	32.1	96.5





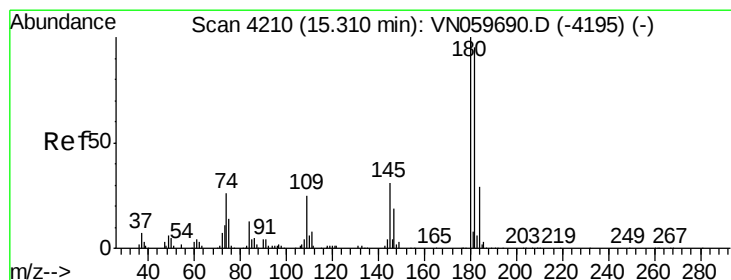
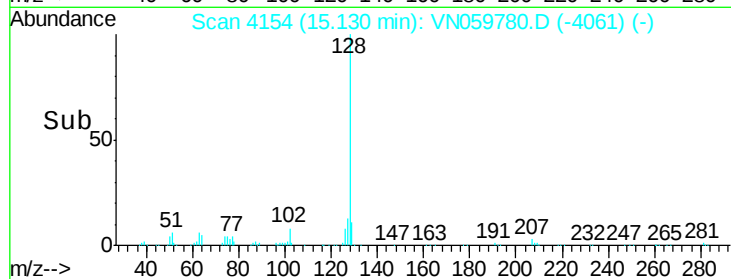
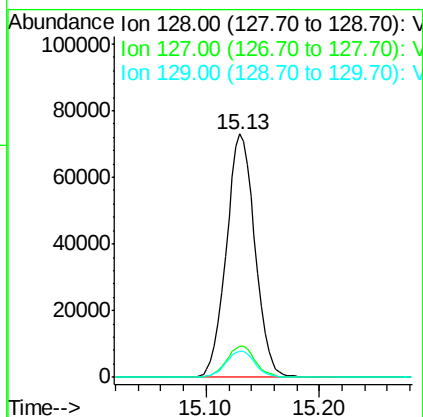
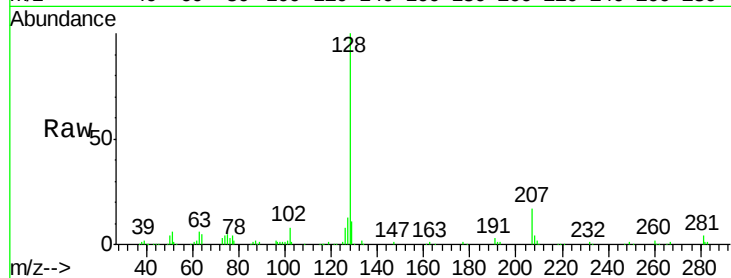
#95
Naphthalene
Concen: 18.824 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0120MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.660 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059780.D
Acq: 20 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.3
145	32.7	16.3	48.9

