

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059983.D
 Acq On : 3 Feb 2020 18:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:20:51 AM

Quant Time: Feb 04 04:16:17 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	192963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	115524	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
35) Dibromofluoromethane	7.57	113	94740	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.08	98	352181	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	135369	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	96011	42.120	ug/l	99
3) Chloromethane	2.04	50	96260	43.573	ug/l	98
4) Vinyl Chloride	2.17	62	127458	50.425	ug/l	98
5) Bromomethane	2.53	94	71113	46.100	ug/l	97
6) Chloroethane	2.68	64	60550	50.633	ug/l	97
7) Trichlorofluoromethane	3.00	101	149043	49.098	ug/l	99
8) Diethyl Ether	3.39	74	55816	52.394	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	86949	51.464	ug/l	95
10) Methyl Iodide	3.93	142	126006	46.141	ug/l	96
11) Tert butyl alcohol	4.73	59	92528	256.490	ug/l	99
12) 1,1-Dichloroethene	3.72	96	83100	47.071	ug/l	90
13) Acrolein	3.58	56	66320	259.707	ug/l	100
14) Allyl chloride	4.30	41	122041	51.287	ug/l #	85
15) Acrylonitrile	4.94	53	236934	287.929	ug/l	99
16) Acetone	3.78	43	240230	331.967	ug/l	99
17) Carbon Disulfide	4.03	76	201405	40.048	ug/l	99
18) Methyl Acetate	4.29	43	145682	58.202	ug/l	92
19) Methyl tert-butyl Ether	5.01	73	315484	54.810	ug/l	96
20) Methylene Chloride	4.52	84	100188	51.721	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	91362	48.685	ug/l	88
22) Diisopropyl ether	5.92	45	294125	54.543	ug/l #	95
23) Vinyl Acetate	5.86	43	1158948	277.584	ug/l	96
24) 1,1-Dichloroethane	5.82	63	173518	52.662	ug/l	99
25) 2-Butanone	6.80	43	336655	277.422	ug/l	93
26) 2,2-Dichloropropane	6.80	77	159933	50.489	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	112606	52.170	ug/l	89
28) Bromochloromethane	7.17	49	66533	50.521	ug/l #	78
29) Tetrahydrofuran	7.18	42	208039	277.081	ug/l	89
30) Chloroform	7.35	83	185290	54.274	ug/l	97
31) Cyclohexane	7.63	56	138927	43.818	ug/l	91
32) 1,1,1-Trichloroethane	7.55	97	166689	52.807	ug/l	96
36) 1,1-Dichloropropene	7.77	75	130444	49.455	ug/l	96
37) Ethyl Acetate	6.90	43	132922	53.730	ug/l	96
38) Carbon Tetrachloride	7.75	117	145561	50.732	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	146766	45.127	ug/l	94
40) Benzene	8.02	78	393321	50.000	ug/l	99
41) Methacrylonitrile	7.15	41	58738m	48.204	ug/l	
42) 1,2-Dichloroethane	8.10	62	146351	54.872	ug/l	98
43) Isopropyl Acetate	8.14	43	231024	54.293	ug/l	96
44) Trichloroethene	8.82	130	110299	51.363	ug/l	93
45) 1,2-Dichloropropane	9.10	63	103635	53.241	ug/l	100
46) Dibromomethane	9.19	93	73779	53.732	ug/l	93
47) Bromodichloromethane	9.39	83	150728	54.473	ug/l	98
48) Methyl methacrylate	9.18	41	100599	52.854	ug/l	90
49) 1,4-Dioxane	9.18	88	33138	951.067	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	693515	281.942	ug/l	96
52) Toluene	10.14	92	254932	51.307	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	169577	54.886	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	176190	54.198	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	107053	54.399	ug/l	98
56) Ethyl methacrylate	10.42	69	161369	53.665	ug/l	94
57) 1,3-Dichloropropane	10.70	76	174317	55.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	267539	295.390	ug/l	92
59) 2-Hexanone	10.74	43	527966	291.352	ug/l	95
60) Dibromochloromethane	10.90	129	124405	55.513	ug/l	100
61) 1,2-Dibromoethane	11.00	107	112319	54.455	ug/l	100
64) Tetrachloroethene	10.62	164	105038	45.799	ug/l	95
65) Chlorobenzene	11.43	112	287306	51.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	112472	52.626	ug/l	100
67) Ethyl Benzene	11.51	91	506411	50.436	ug/l	97
68) m/p-Xylenes	11.62	106	383116	101.012	ug/l	95
69) o-Xylene	11.94	106	186340	50.184	ug/l	95
70) Styrene	11.96	104	318427	51.249	ug/l	97
71) Bromoform	12.12	173	95614	55.852	ug/l #	98
73) Isopropylbenzene	12.25	105	503976	48.233	ug/l	99
74) N-amyl acetate	12.07	43	207311	51.132	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	160196	52.886	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	135983m	56.715	ug/l	
77) Bromobenzene	12.52	156	131951	49.867	ug/l	85
78) n-propylbenzene	12.59	91	569858	48.591	ug/l	98
79) 2-Chlorotoluene	12.67	91	339046	48.596	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	419630	47.753	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	58738	52.610	ug/l	95
82) 4-Chlorotoluene	12.77	91	352480	50.370	ug/l	97
83) tert-Butylbenzene	12.99	119	371042	48.821	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	426033	49.006	ug/l	99
85) sec-Butylbenzene	13.17	105	483923	48.464	ug/l	99
86) p-Isopropyltoluene	13.29	119	447653	48.451	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	231803	50.432	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	232484	50.702	ug/l	98
89) n-Butylbenzene	13.61	91	391376	49.681	ug/l	99
90) Hexachloroethane	13.87	117	83432	48.263	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	227818	50.136	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35302	54.485	ug/l	86

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QLast Update : Sat Jan 18 03:09:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	141322	51.759	ug/l	98
94) Hexachlorobutadiene	15.01	225	71513	47.529	ug/l	98
95) Naphthalene	15.13	128	405054	52.156	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	137435	51.713	ug/l	99

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

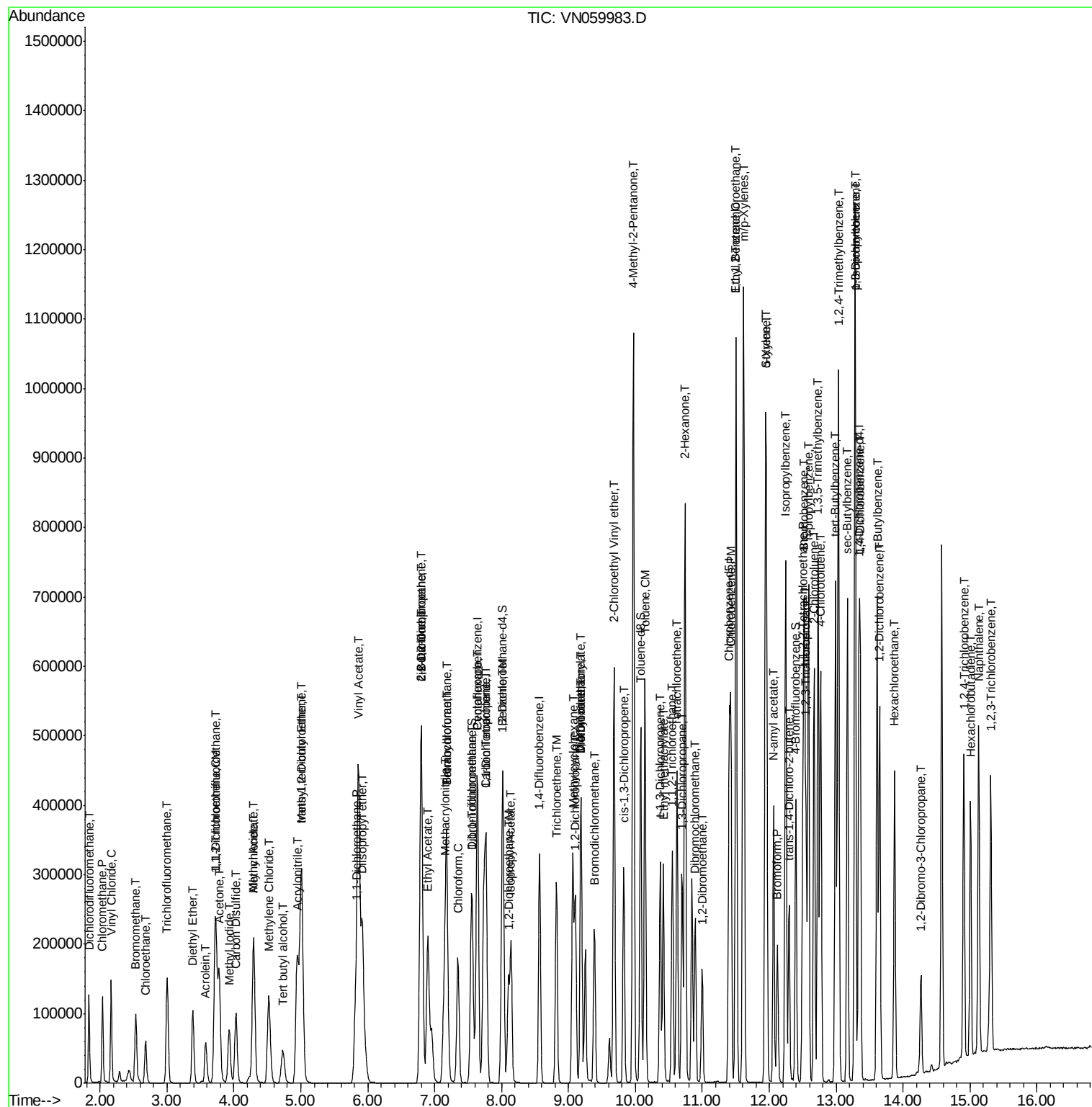
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 192963

Ion Ratio Lower Upper

168 100

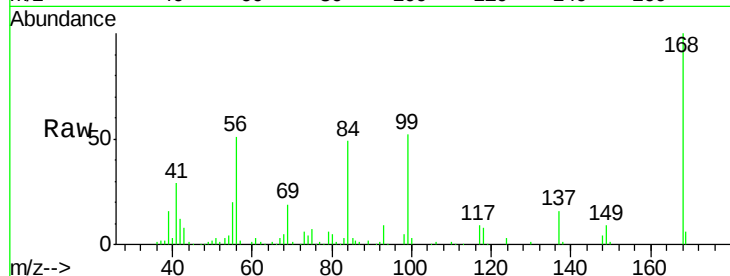
99 52.2 48.2 72.4

Manual Integrations

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2/4/2020 11:20:51 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

80000

60000

40000

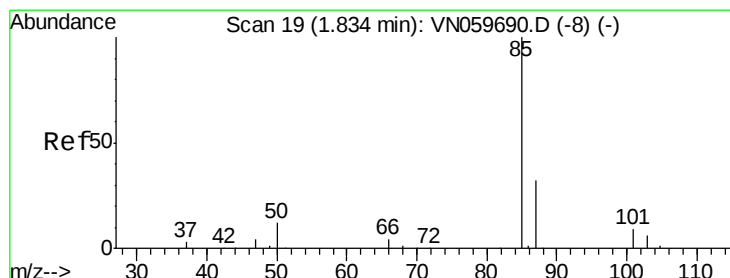
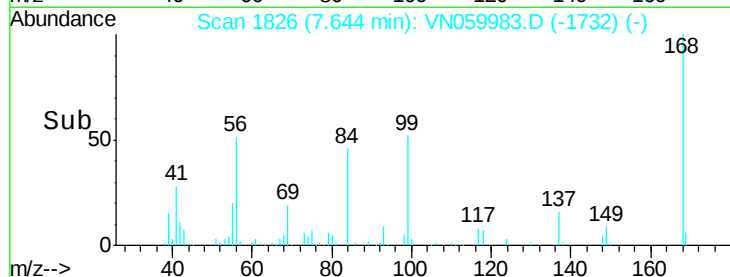
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.120 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059983.D

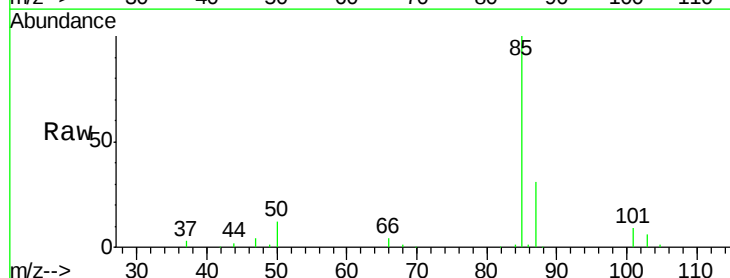
Acq: 3 Feb 2020 18:27

Tgt Ion: 85 Resp: 96011

Ion Ratio Lower Upper

85 100

87 31.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

80000

60000

40000

20000

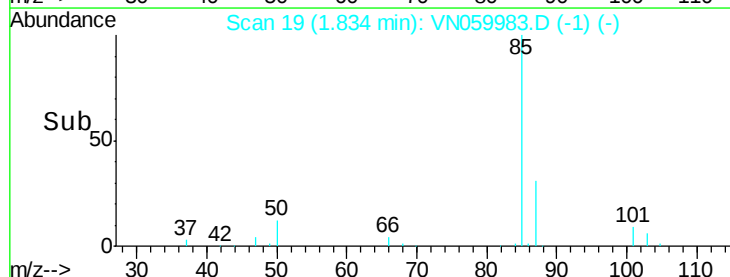
0

1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 43.573 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 96260

Ion Ratio Lower Upper

50 100

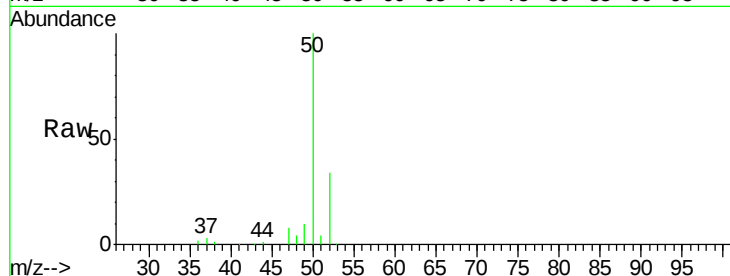
52 33.6 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

80000

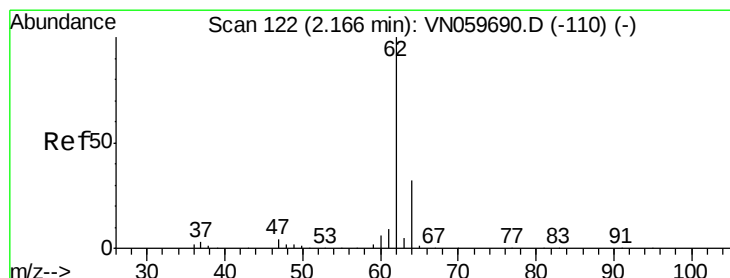
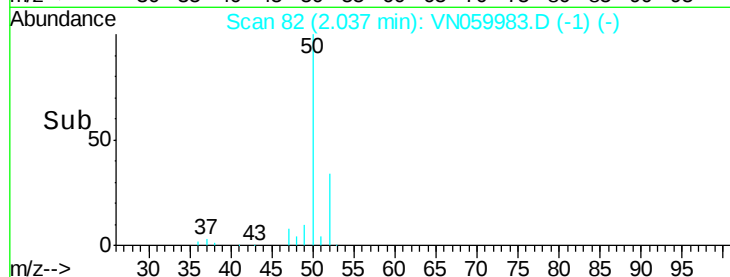
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 50.425 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059983.D

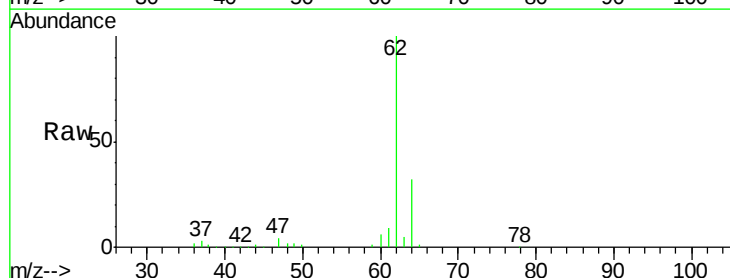
Acq: 3 Feb 2020 18:27

Tgt Ion: 62 Resp: 127458

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

100000

80000

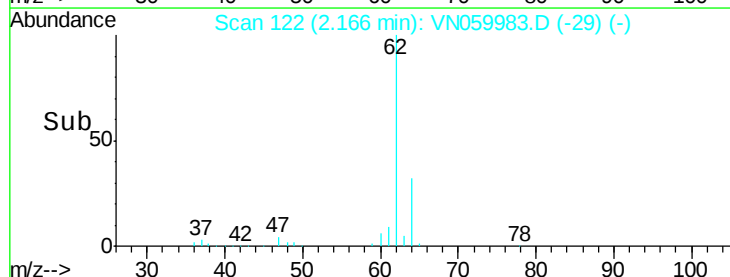
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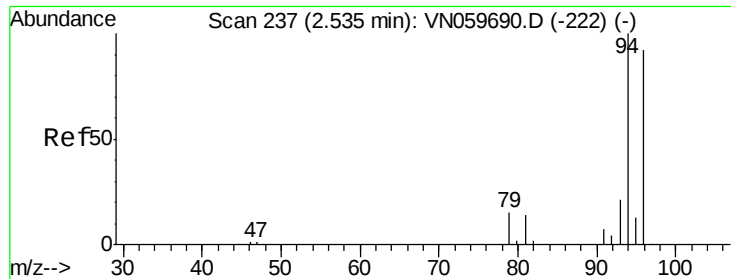
40000

20000

0

Time-->





#5

Bromomethane

Concen: 46.100 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 71113

Ion Ratio Lower Upper

94 100

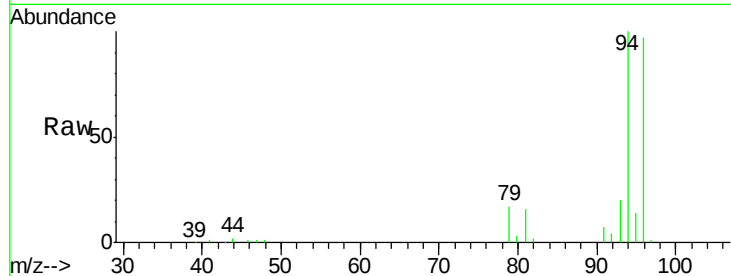
96 96.7 74.7 112.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN059983.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VN059983.D (-144) (-)

2.53

40000

30000

20000

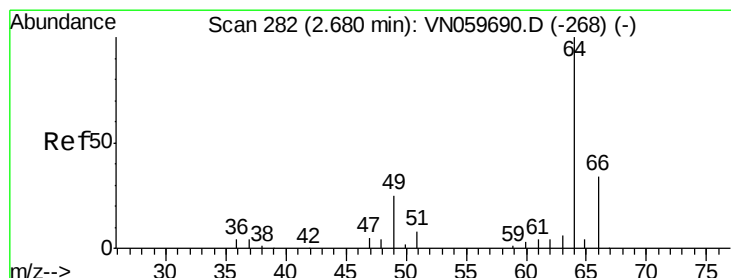
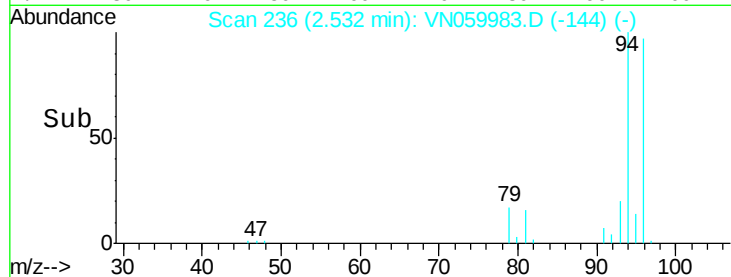
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0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 50.633 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059983.D

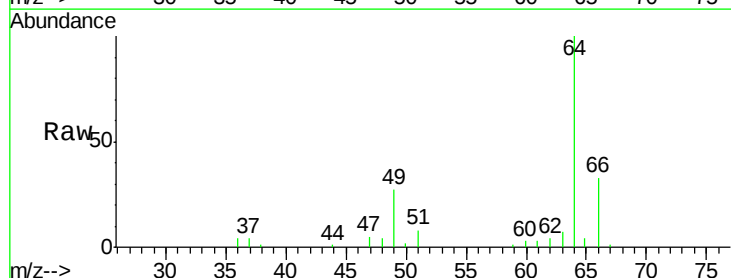
Acq: 3 Feb 2020 18:27

Tgt Ion: 64 Resp: 60550

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN059983.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059983.D (-189) (-)

2.68

30000

20000

10000

0

Time-->

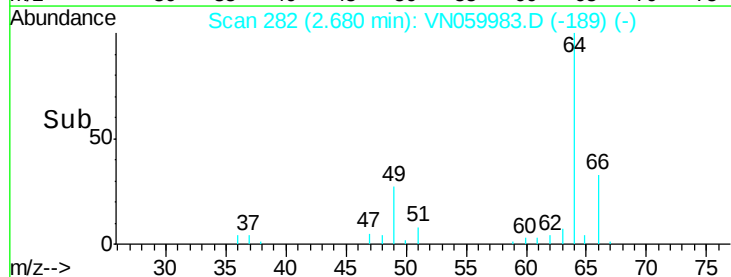
2.60

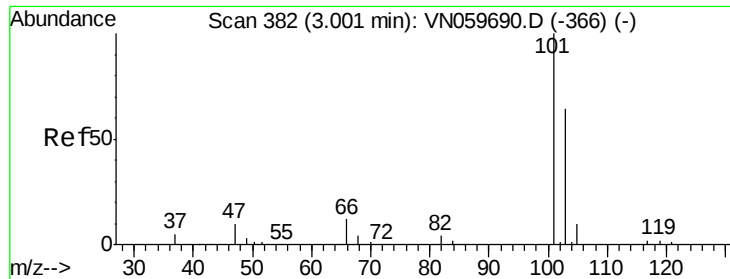
2.65

2.70

2.75

2.80





#7

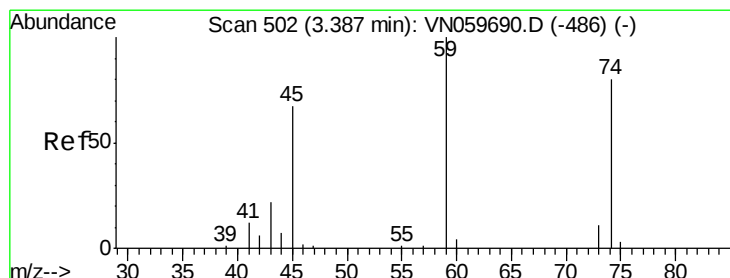
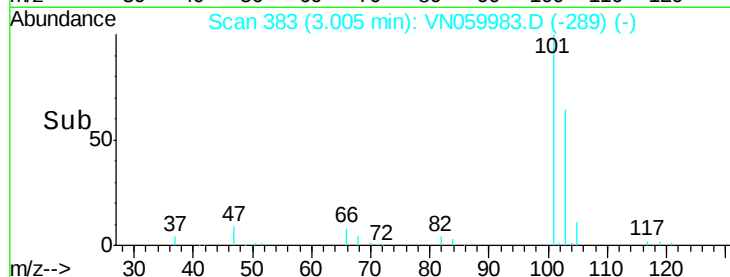
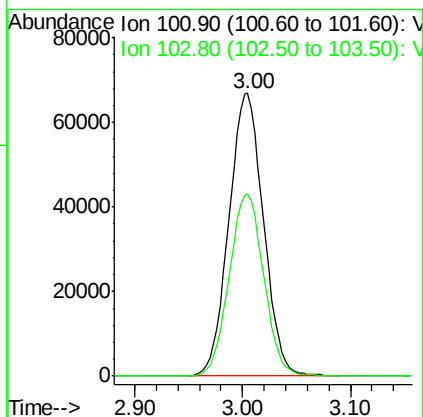
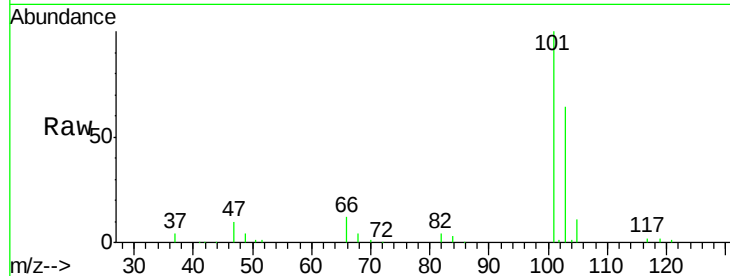
Trichlorofluoromethane
Concen: 49.098 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 149043
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6

Manual Integrations
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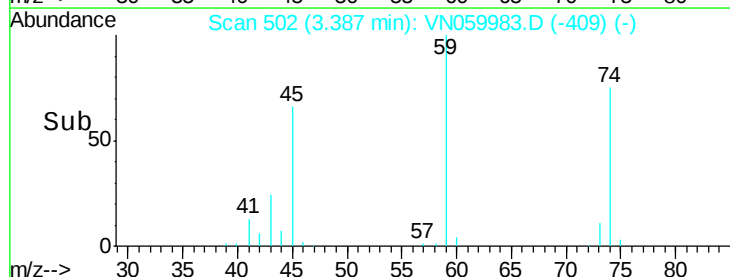
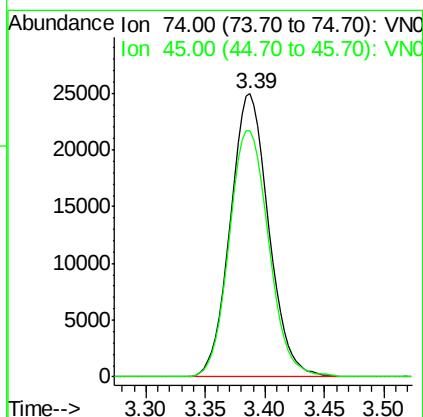
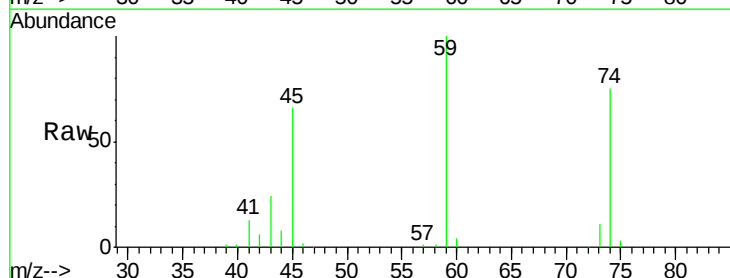
MMDadoda
2/4/2020 11:20:51 AM



#8

Diethyl Ether
Concen: 52.394 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion: 74 Resp: 55816
Ion Ratio Lower Upper
74 100
45 89.7 51.9 155.8





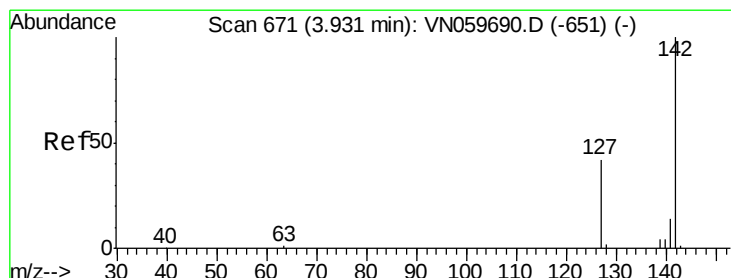
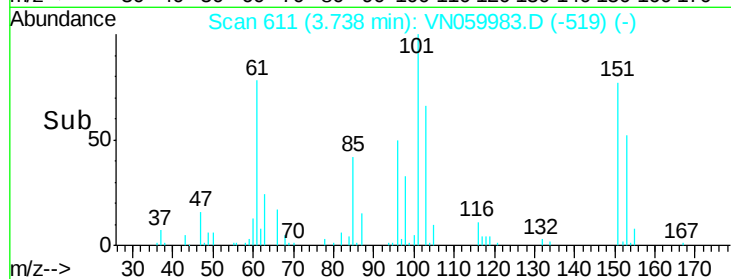
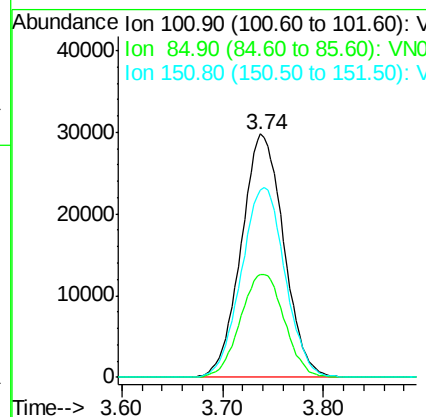
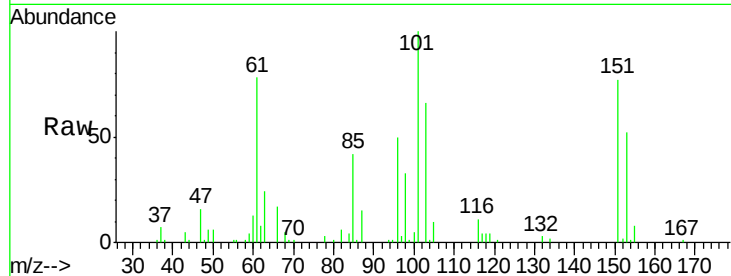
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.464 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	36.6	54.8
151	80.2	59.7	89.5

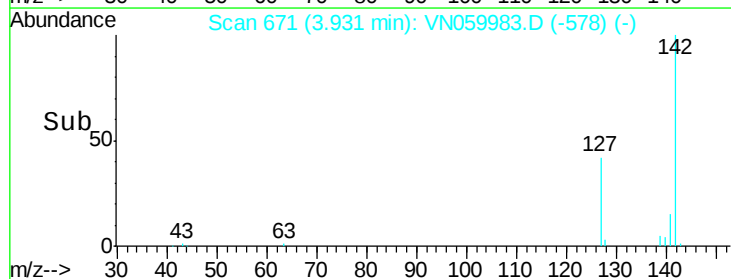
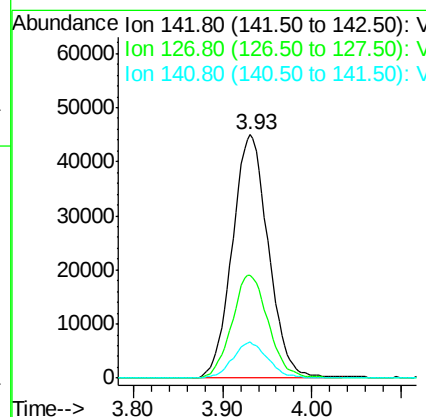
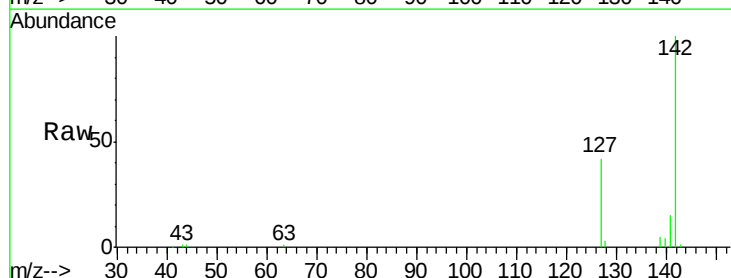
Manual Integrations
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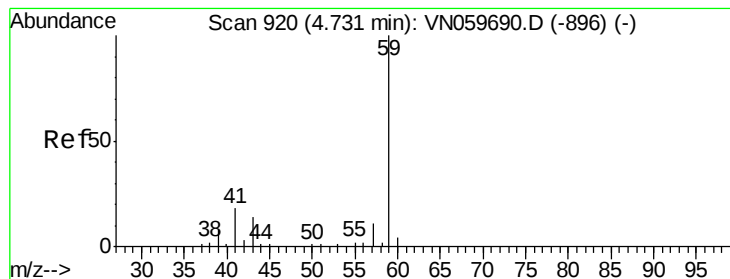
MMDadoda
 2/4/2020 11:20:51 AM



#10
 Methyl Iodide
 Concen: 46.141 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.6	36.7	55.1
141	14.3	11.7	17.5





#11

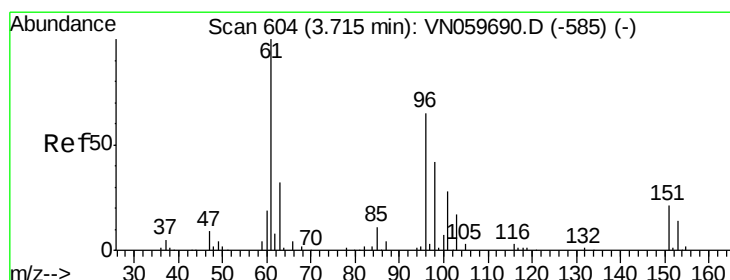
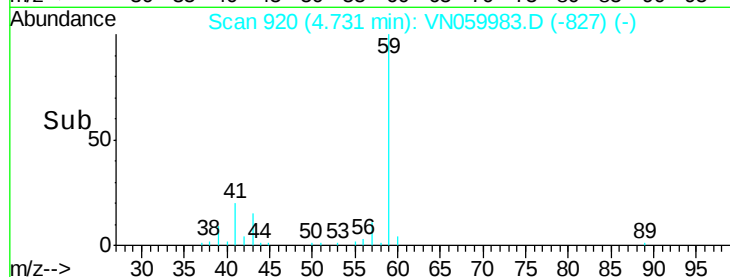
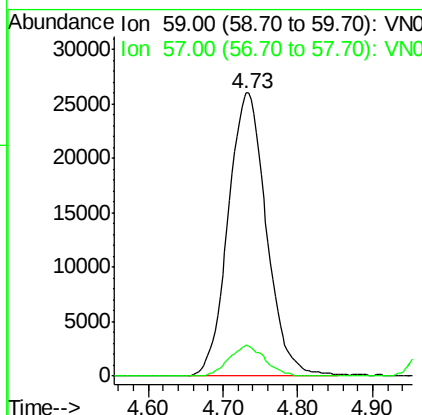
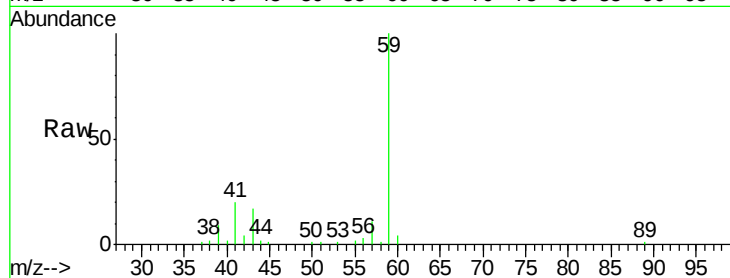
Tert butyl alcohol
Concen: 256.490 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

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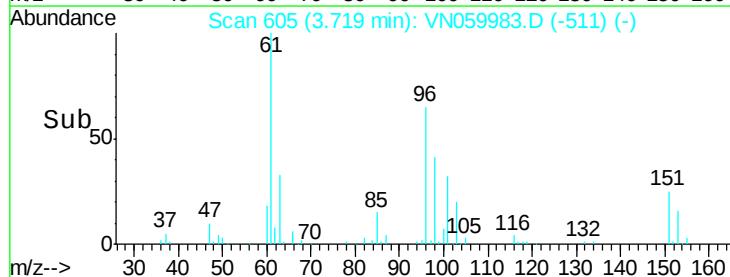
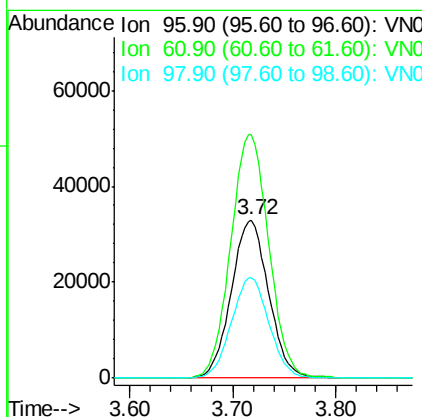
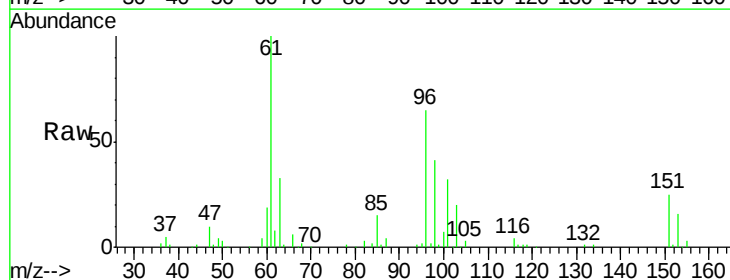
MMDadoda
2/4/2020 11:20:51 AM

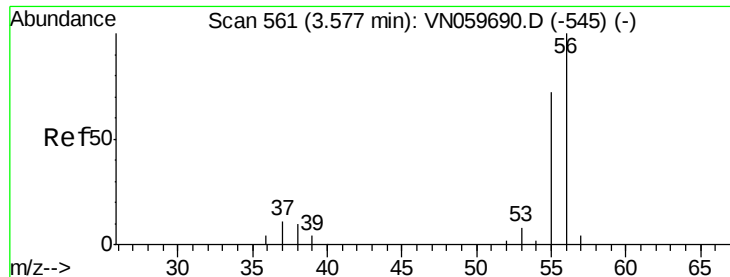


#12

1,1-Dichloroethene
Concen: 47.071 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.1	137.5	206.3
98	63.8	50.2	75.4





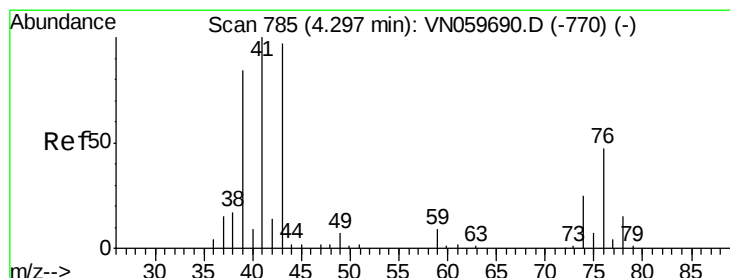
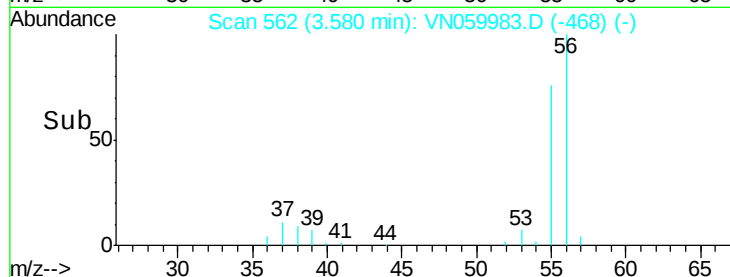
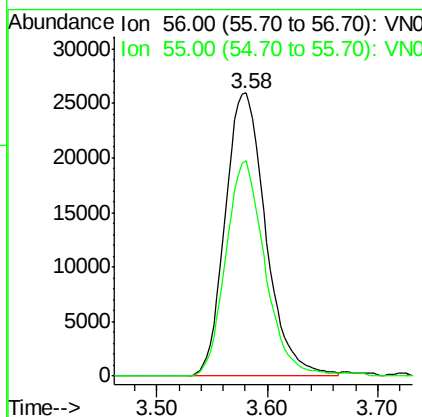
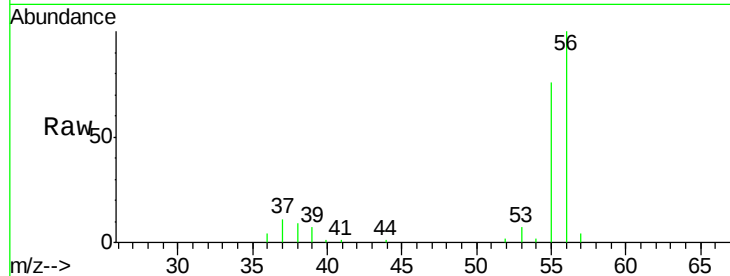
#13
Acrolein
Concen: 259.707 ug/l
RT: 3.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 66320
Ion Ratio Lower Upper
56 100
55 73.6 58.6 88.0

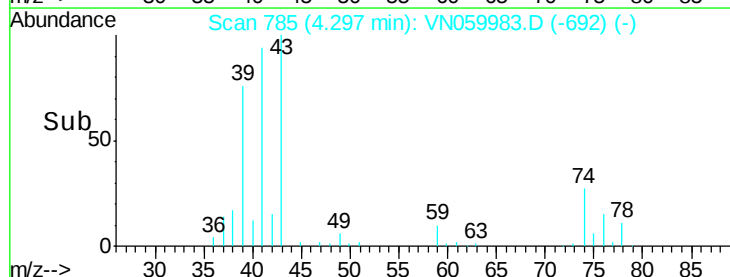
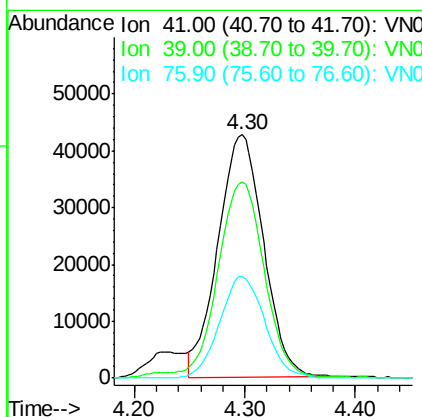
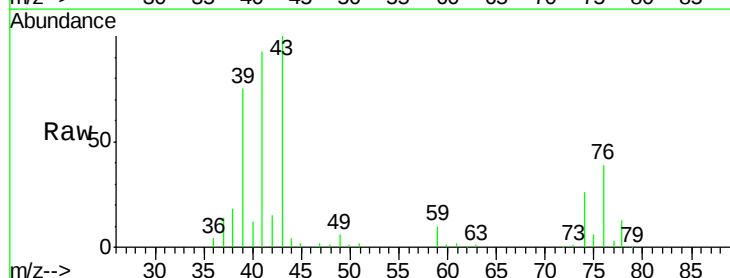
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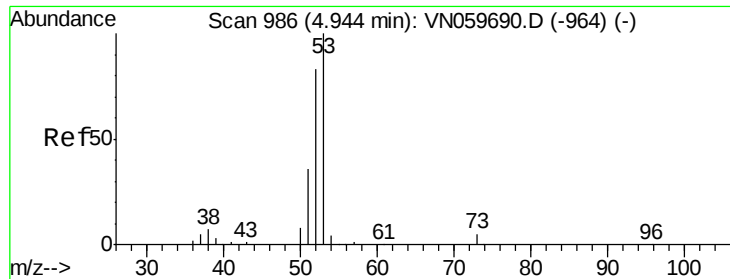
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#14
Allyl chloride
Concen: 51.287 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion: 41 Resp: 122041
Ion Ratio Lower Upper
41 100
39 84.0 57.8 86.8
76 41.6 25.4 38.0#





#15

Acrylonitrile

Concen: 287.929 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

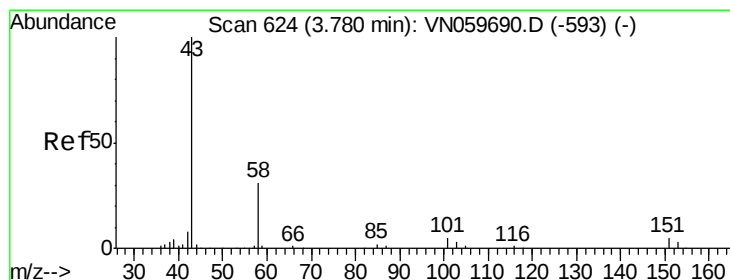
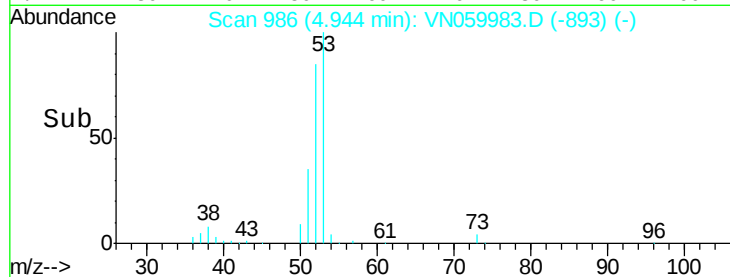
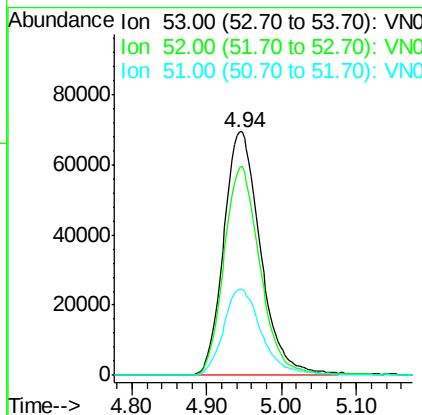
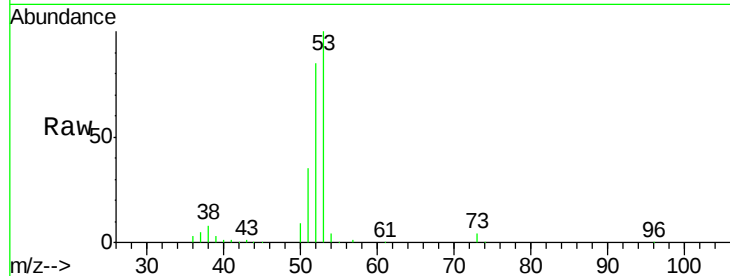
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	236934
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.3	99.5
51	36.6	29.7	44.5

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#16

Acetone

Concen: 331.967 ug/l

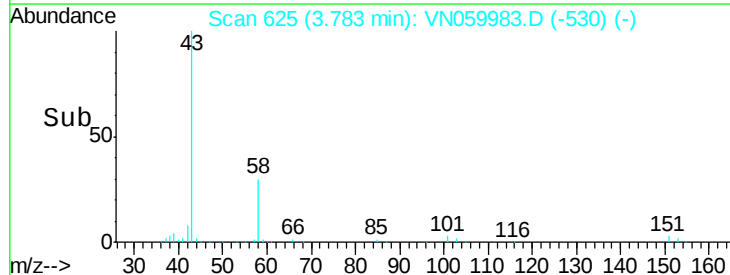
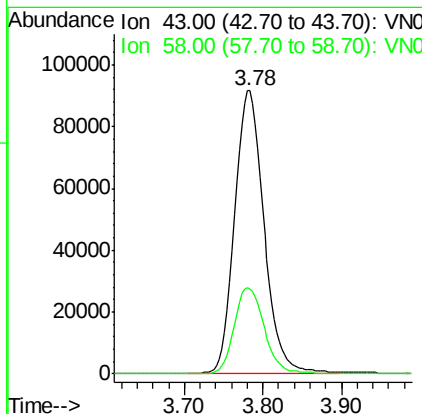
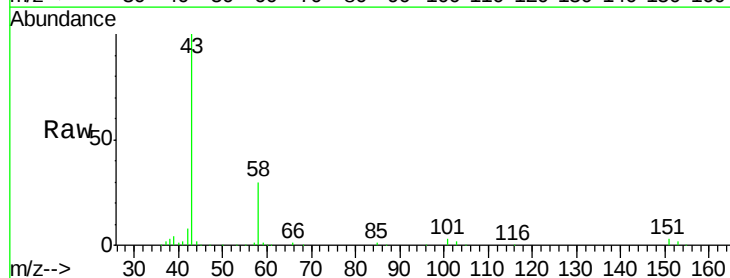
RT: 3.78 min Scan# 625

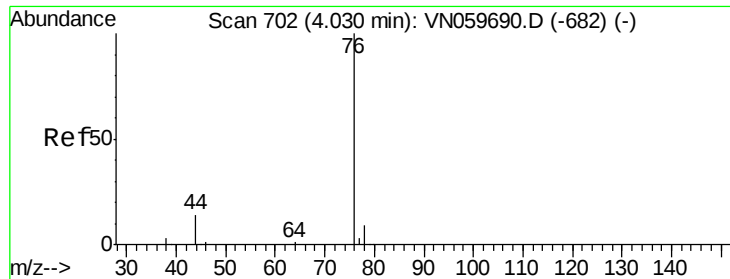
Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Tgt Ion:	43	Resp:	240230
Ion Ratio	Lower	Upper	
43	100		
58	30.1	23.6	35.4





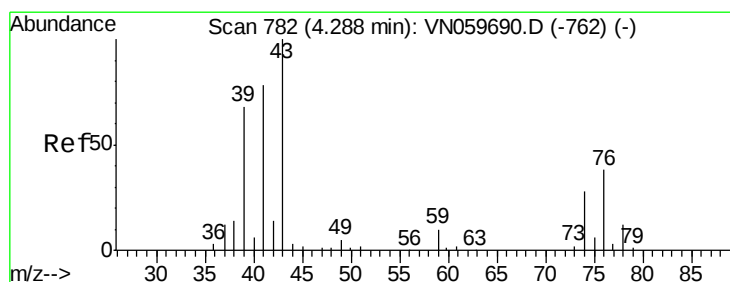
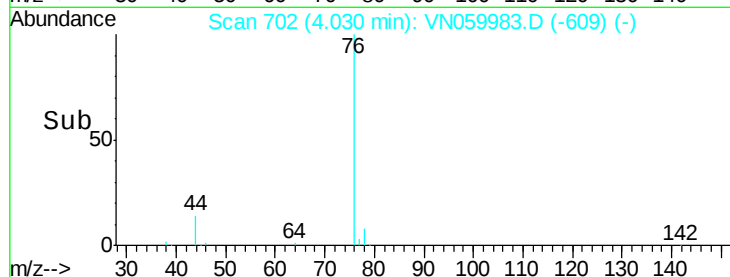
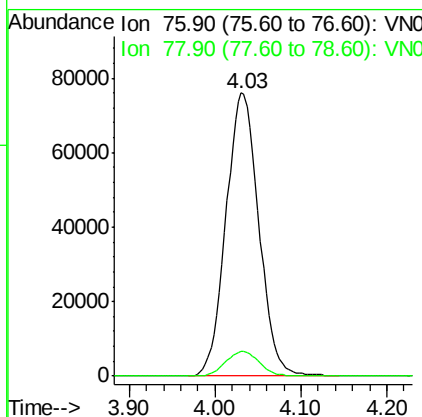
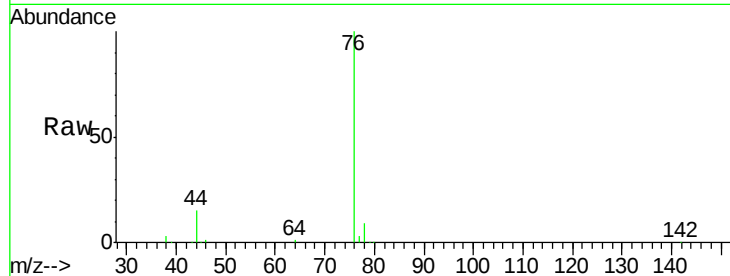
#17
Carbon Disulfide
Concen: 40.048 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

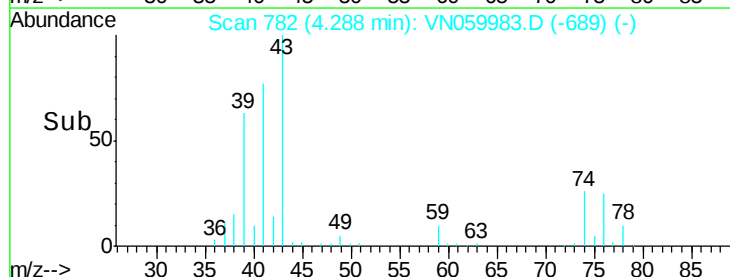
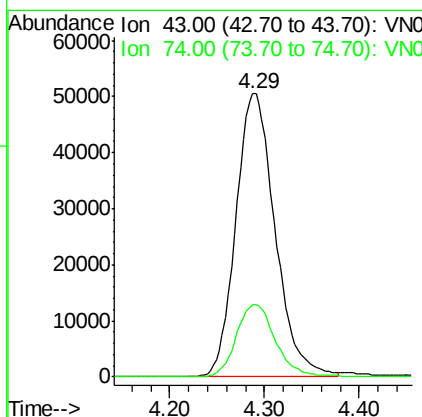
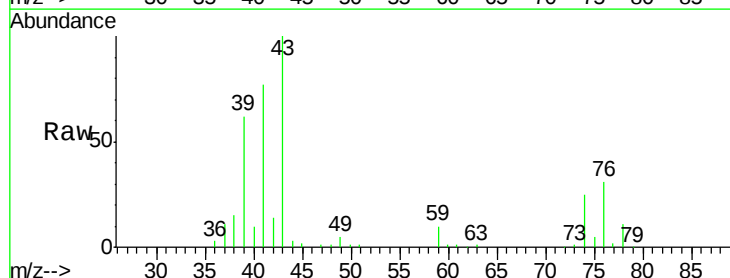
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#18
Methyl Acetate
Concen: 58.202 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	17.5	26.3





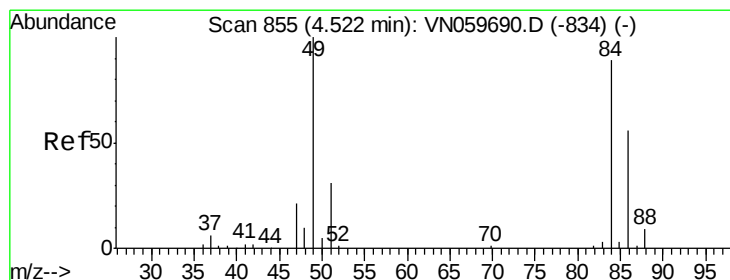
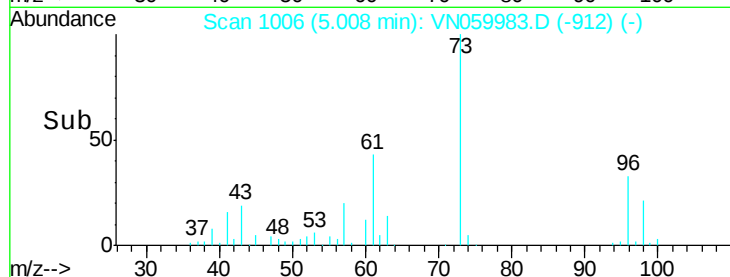
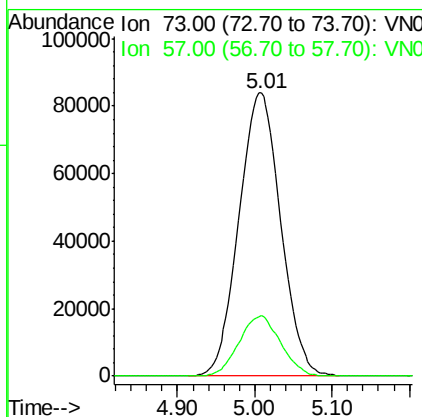
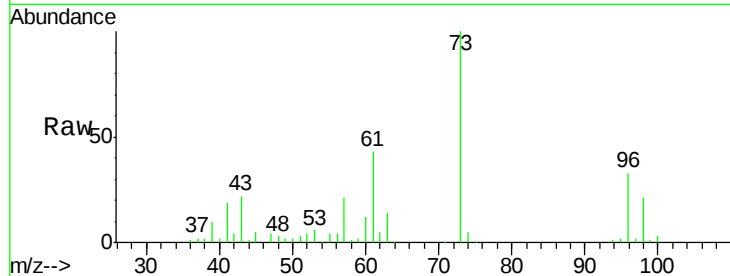
#19
Methvl tert-butvl Ether
Concen: 54.810 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 315484
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8

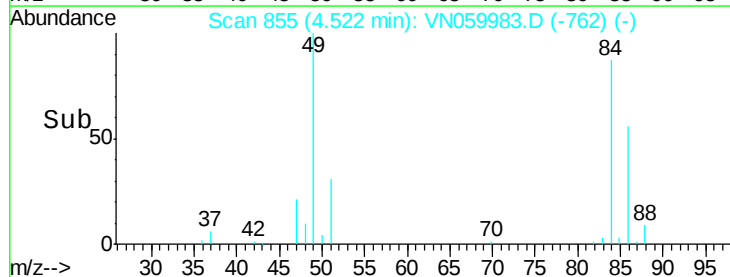
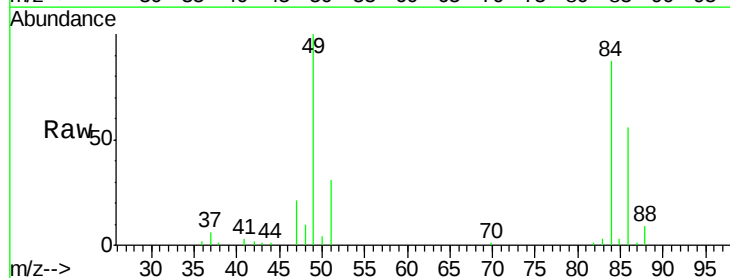
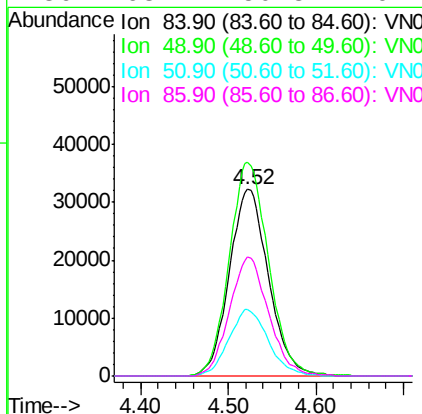
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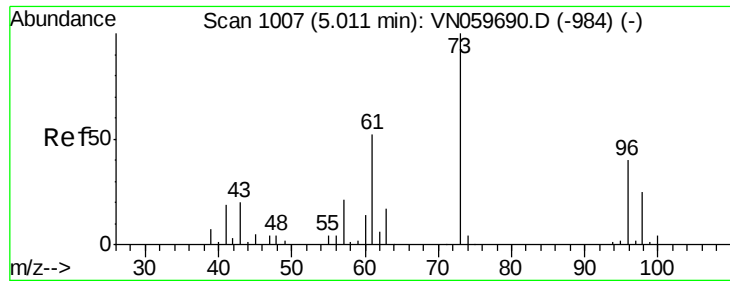
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#20
Methylene Chloride
Concen: 51.721 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion: 84 Resp: 100188
Ion Ratio Lower Upper
84 100
49 114.4 106.6 160.0
51 35.5 31.9 47.9
86 63.7 50.8 76.2





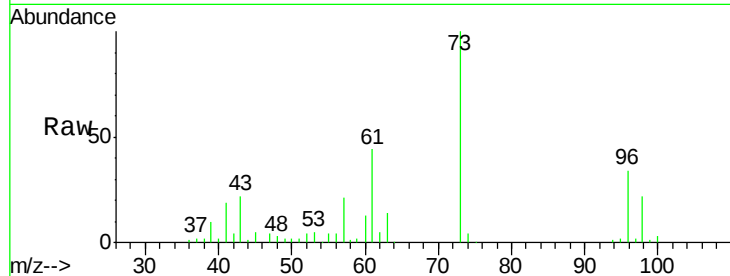
#21
trans-1,2-Dichloroethene
Concen: 48.685 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.6	120.4	180.6
98	65.5	50.6	75.8

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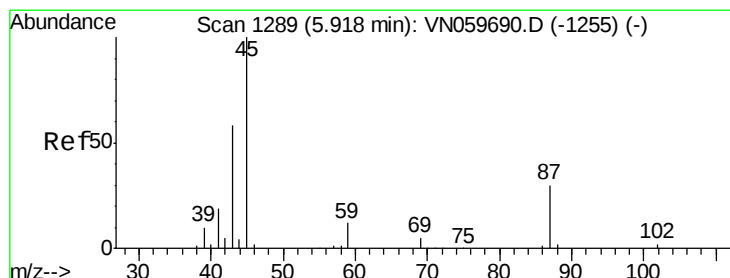
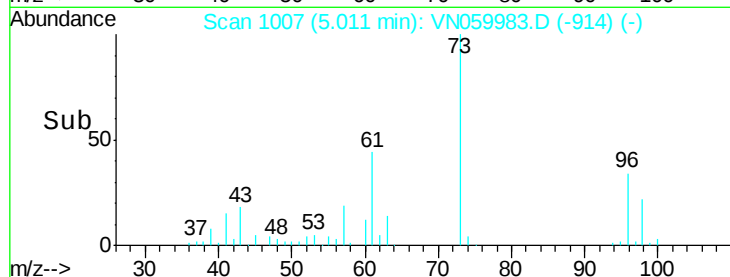
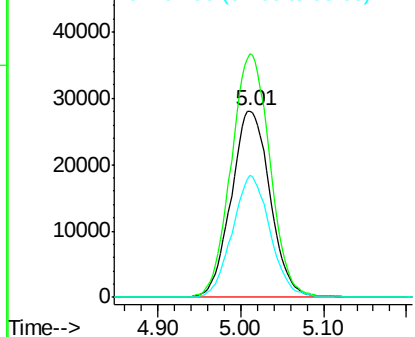


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22
Diisopropyl ether
Concen: 54.543 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.6	50.8	76.2
87	32.1	21.0	31.6
59	12.9	9.1	13.7

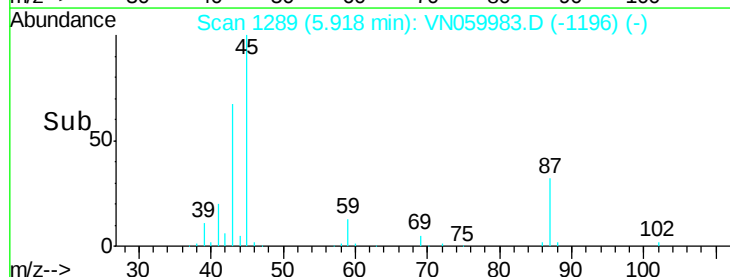
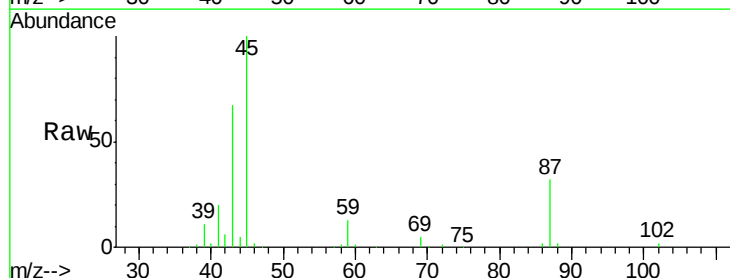
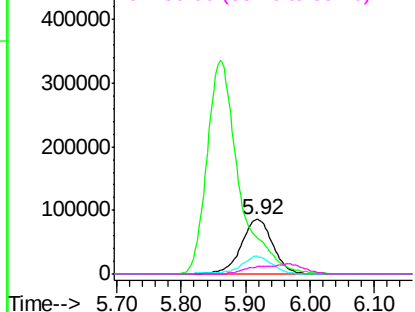
Abundance

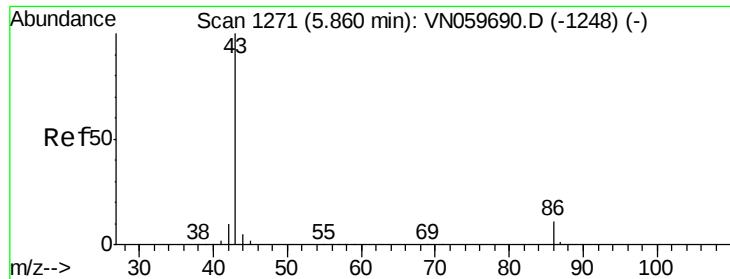
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





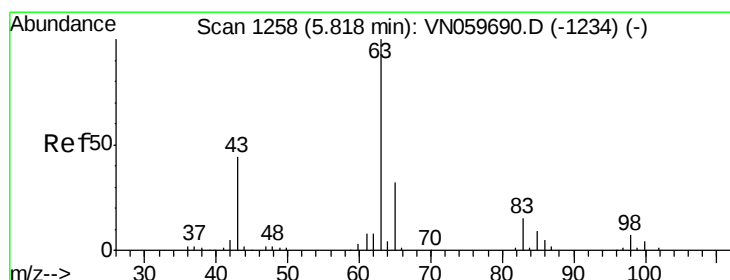
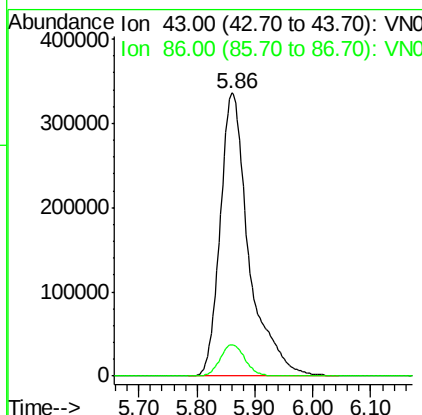
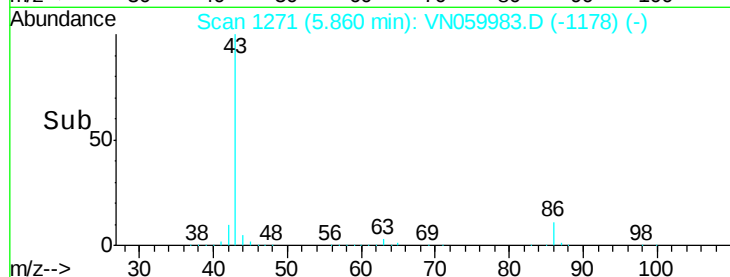
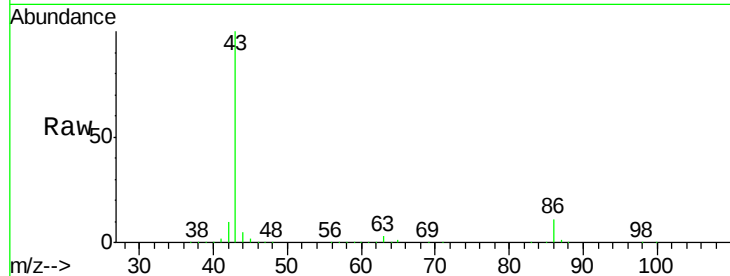
#23
 Vinyl Acetate
 Concen: 277.584 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1158948
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.6 11.4

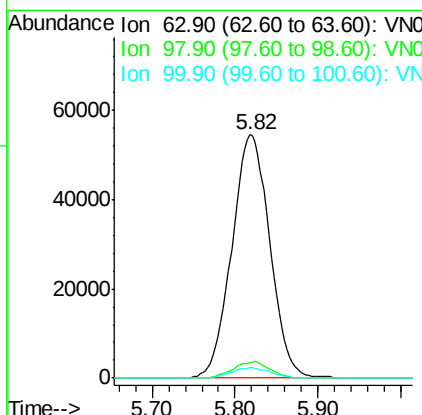
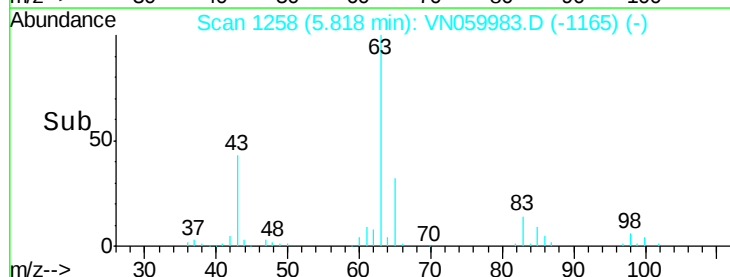
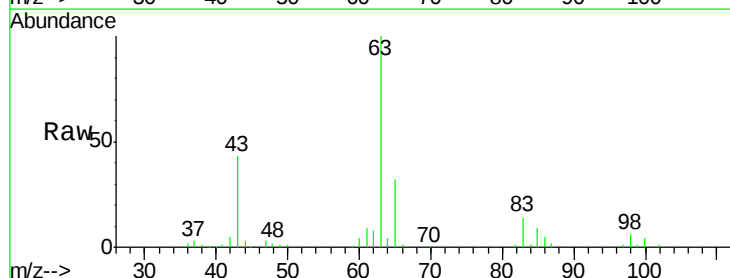
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#24
 1,1-Dichloroethane
 Concen: 52.662 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion: 63 Resp: 173518
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.7
 100 4.1 2.0 6.0





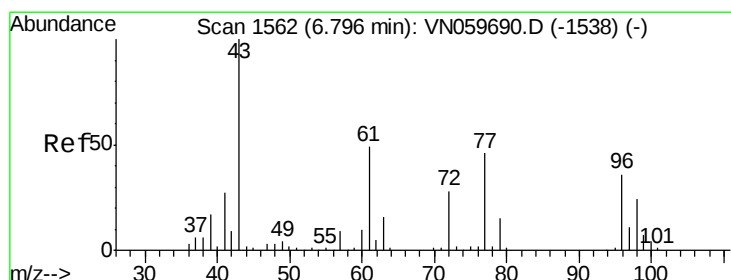
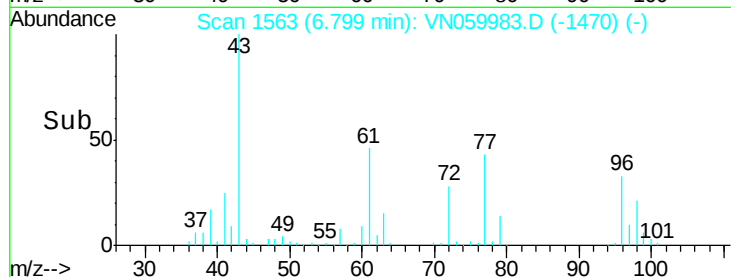
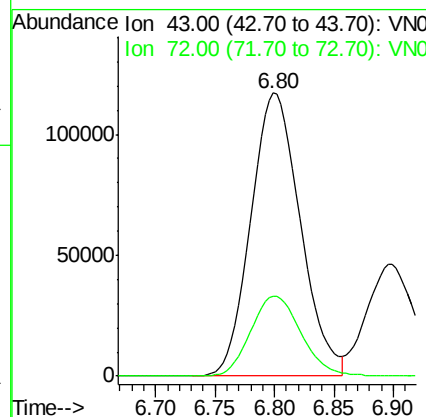
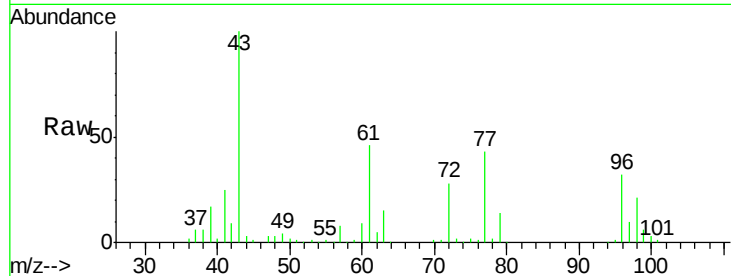
#25
2-Butanone
Concen: 277.422 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 336655
Ion Ratio Lower Upper
43 100
72 28.4 19.9 29.9

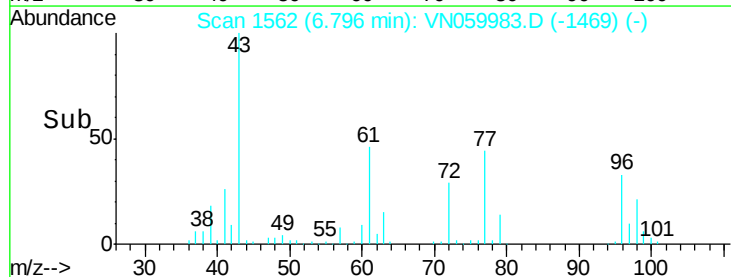
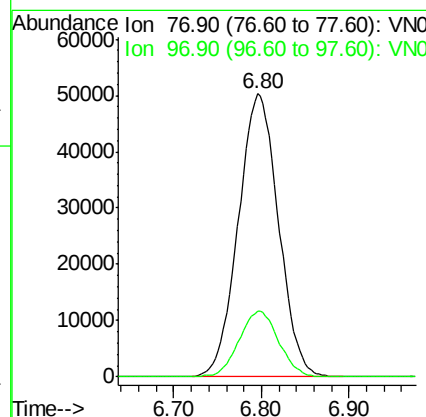
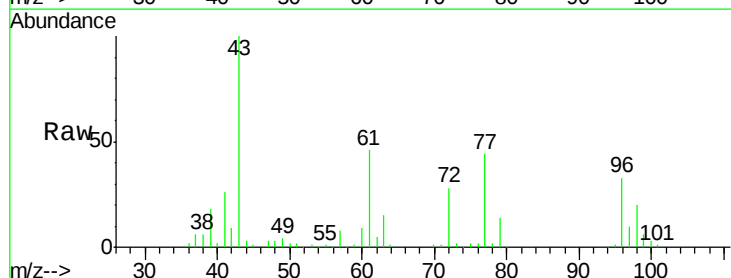
Manual Integrations
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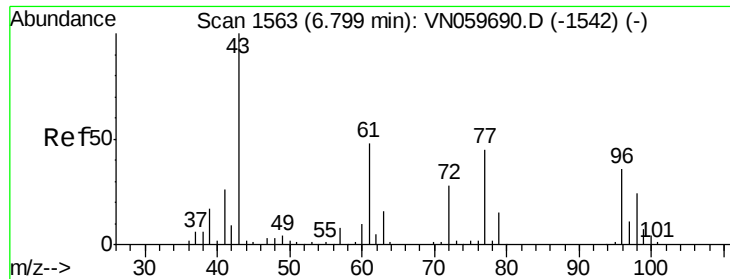
MMDadoda
2/4/2020 11:20:51 AM



#26
2,2-Dichloropropane
Concen: 50.489 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion: 77 Resp: 159933
Ion Ratio Lower Upper
77 100
97 23.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 52.170 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

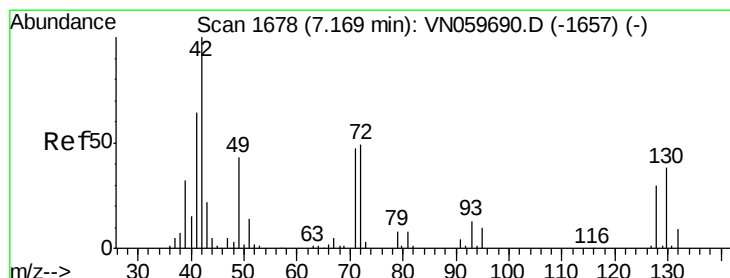
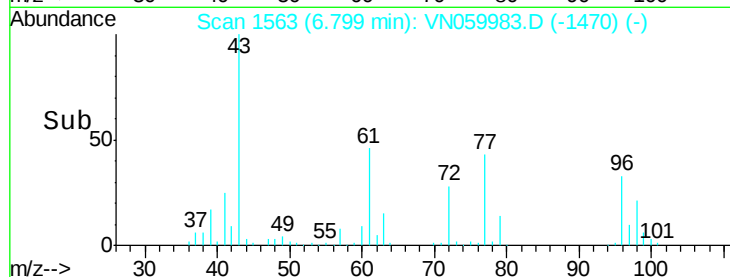
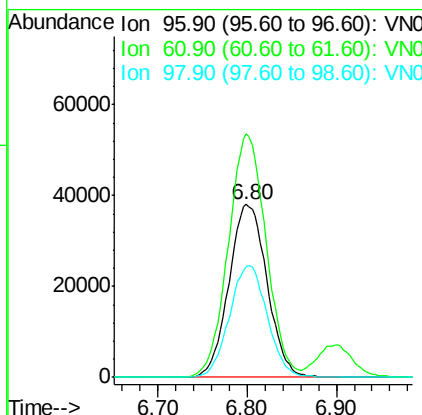
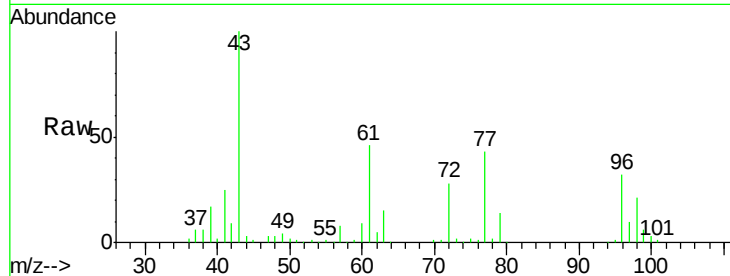
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	317.6
98	64.1	0.0	127.0

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#28

Bromochloromethane

Concen: 50.521 ug/l

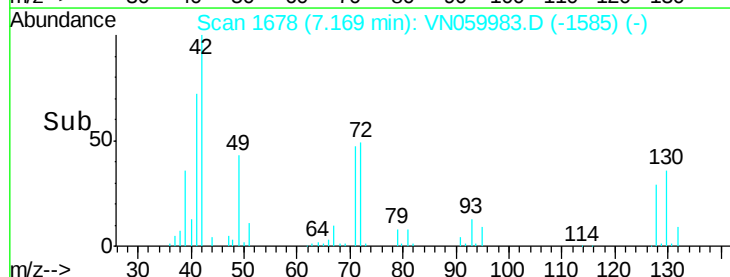
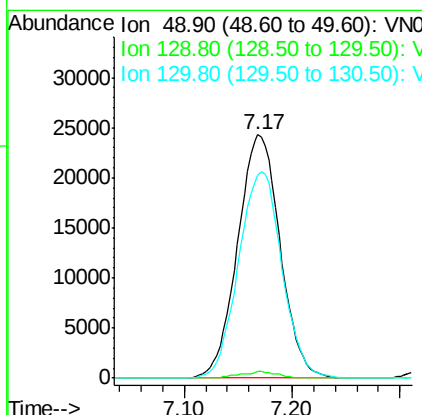
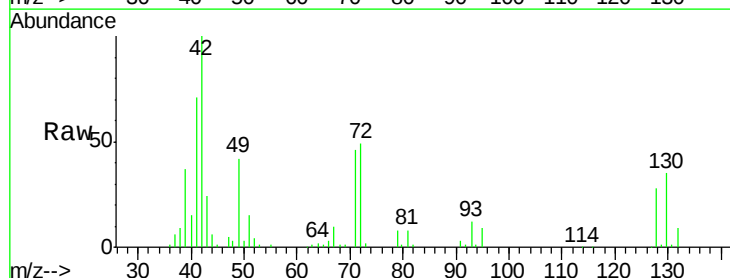
RT: 7.17 min Scan# 1678

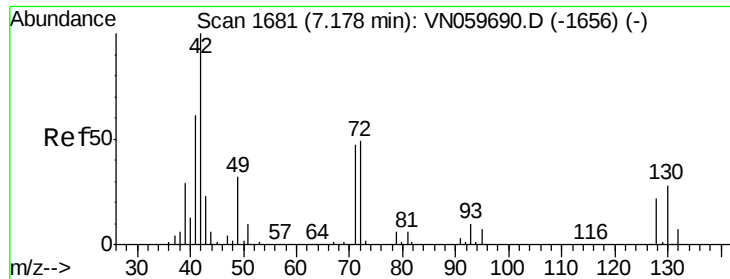
Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.4
130	86.7	54.7	82.1#





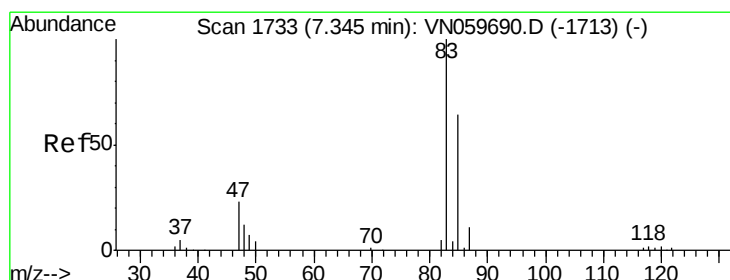
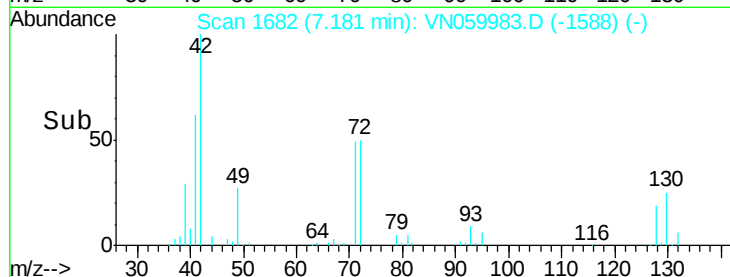
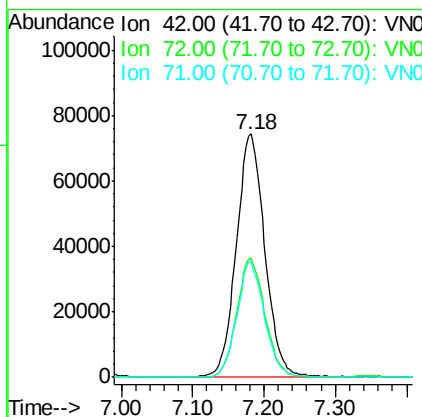
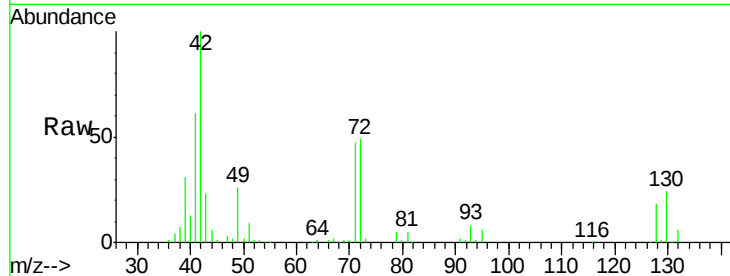
#29
Tetrahydrofuran
Concen: 277.081 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	33.1	49.7
71	45.8	31.4	47.0

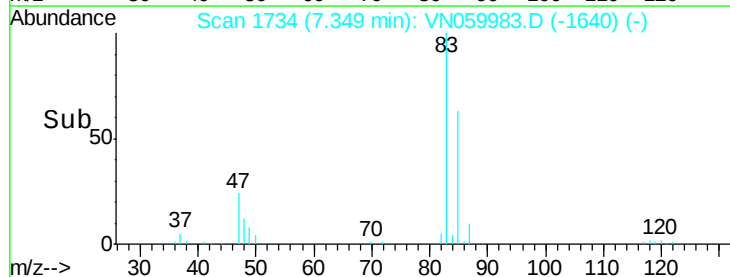
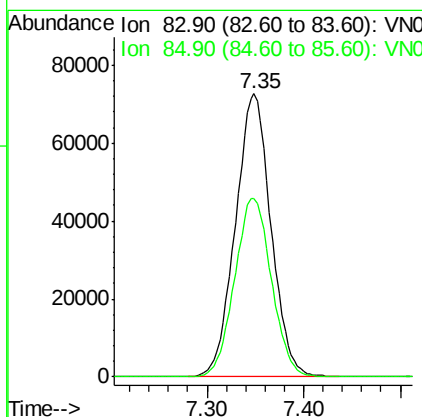
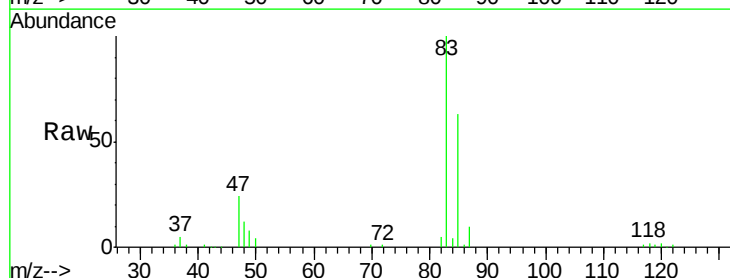
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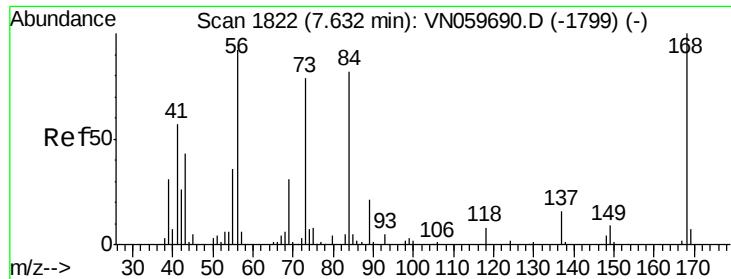
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#30
Chloroform
Concen: 54.274 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.4	78.6





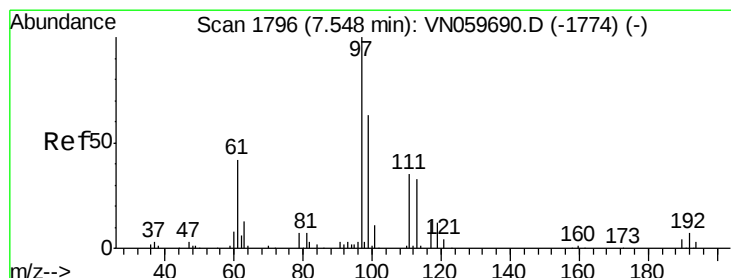
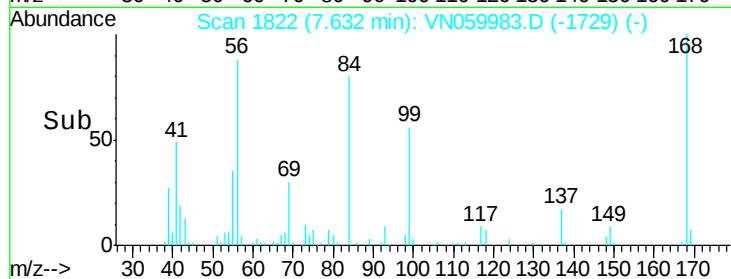
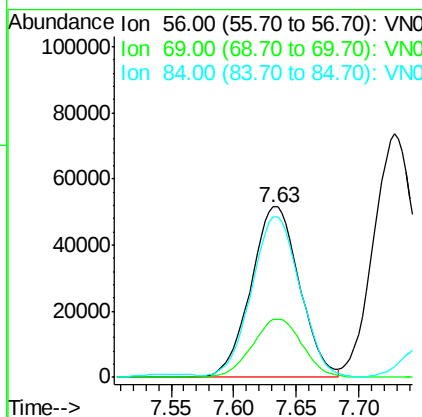
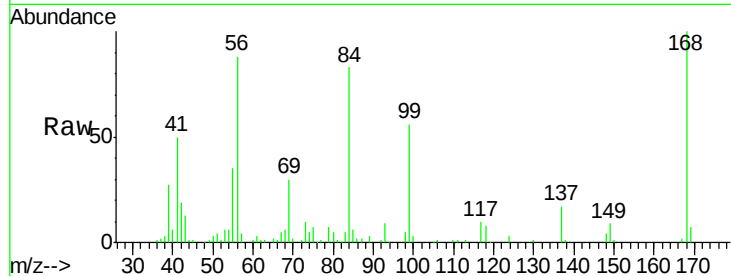
#31
Cyclohexane
Concen: 43.818 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.5	39.7
84	92.3	65.3	97.9

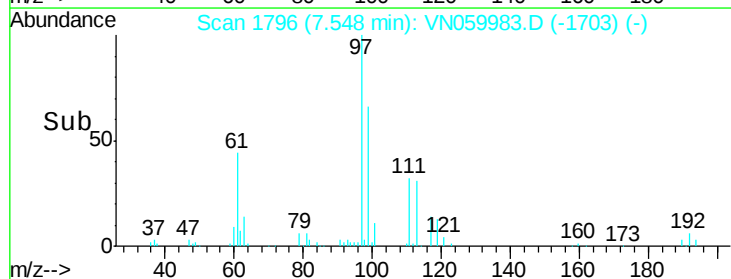
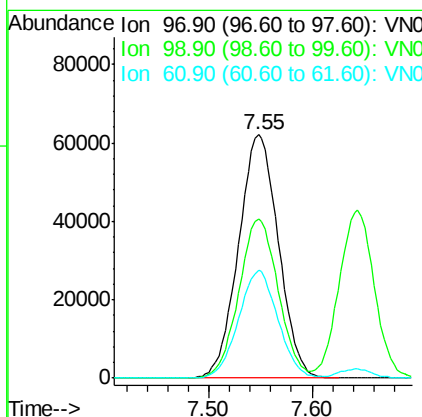
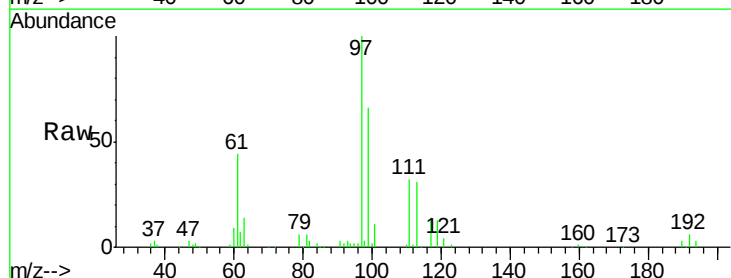
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#32
1,1,1-Trichloroethane
Concen: 52.807 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	43.7	38.5	57.7





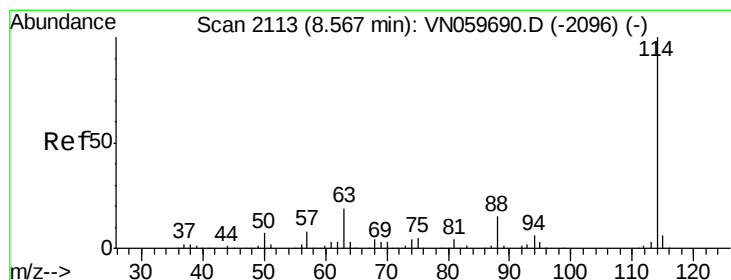
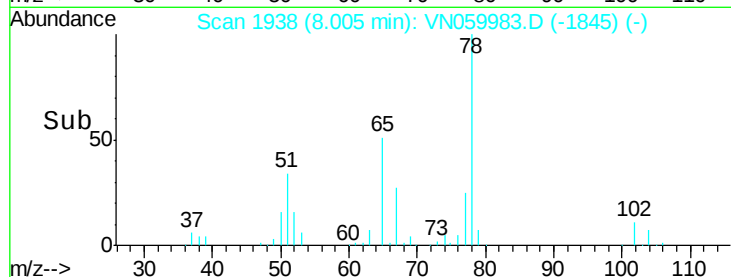
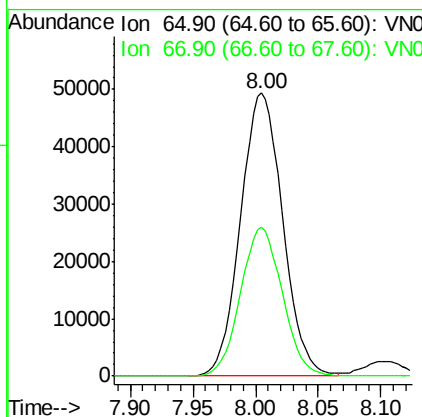
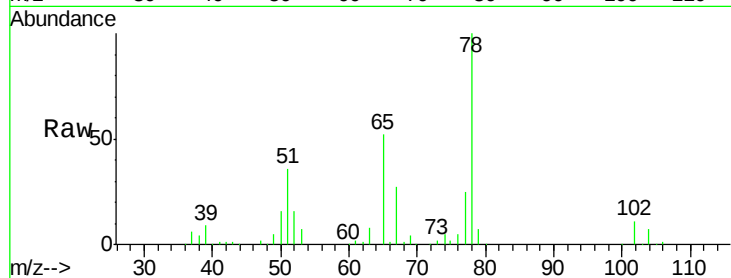
#33
 1,2-Dichloroethane-d4
 Concen: 53.910 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	11524		
67	52.0	0.0	103.0	

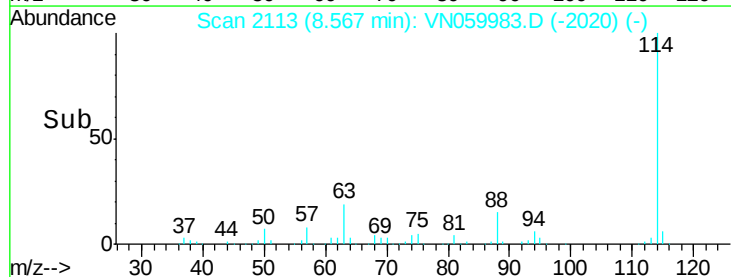
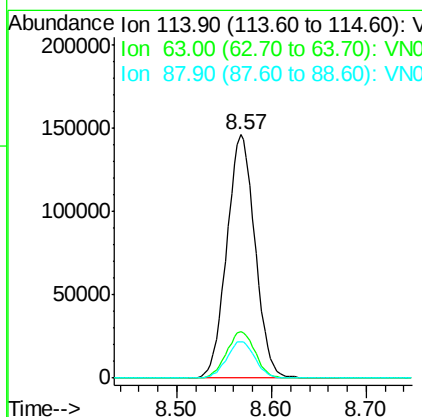
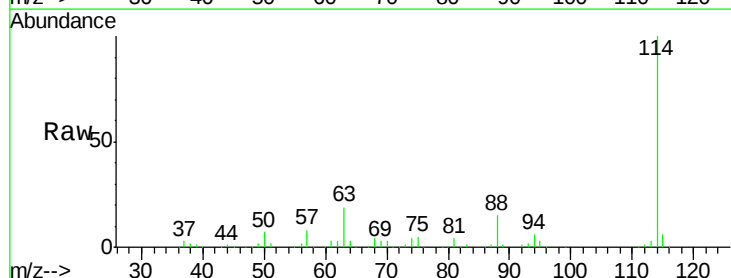
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	302885		
63	19.2	0.0	43.6	
88	15.1	0.0	31.4	





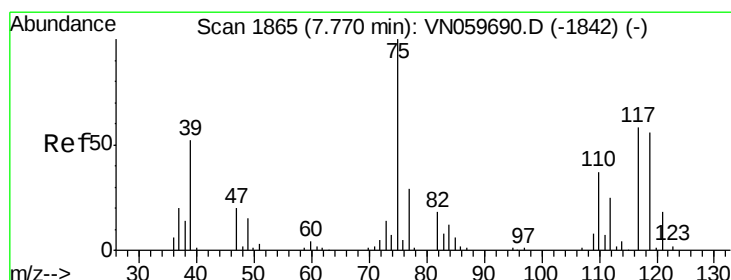
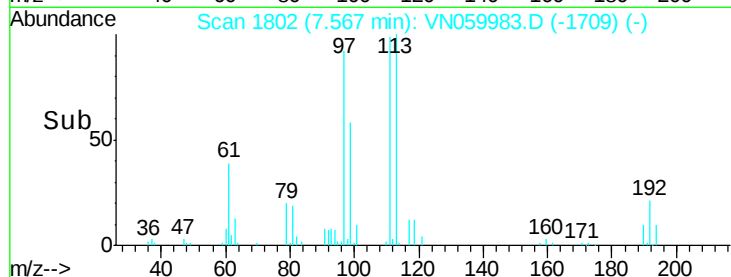
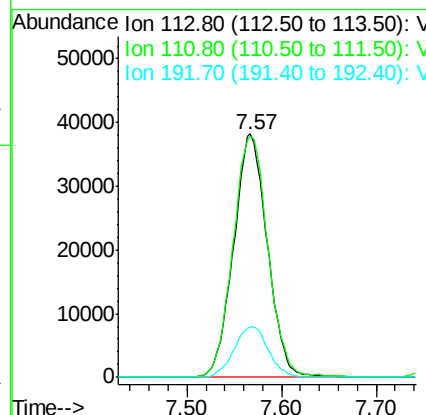
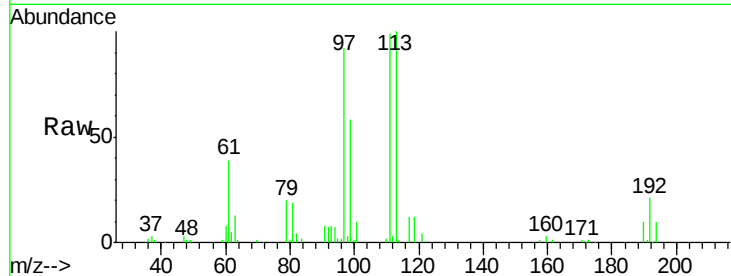
#35
 Dibromofluoromethane
 Concen: 52.452 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.5	125.3
192	21.1	15.4	23.2

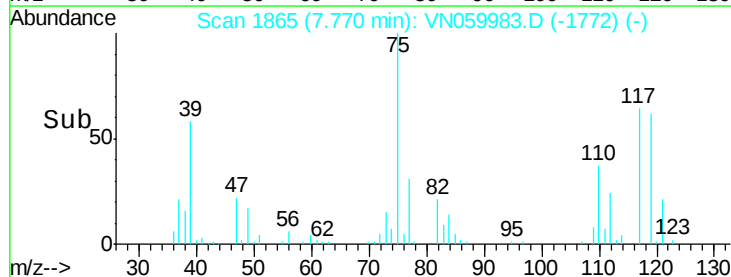
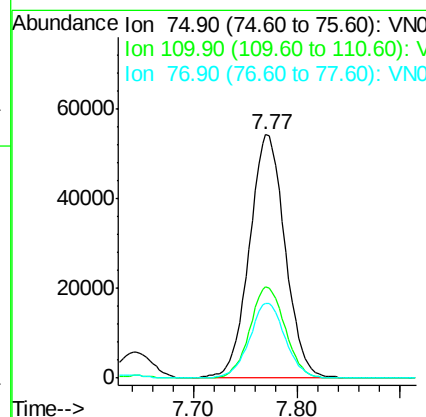
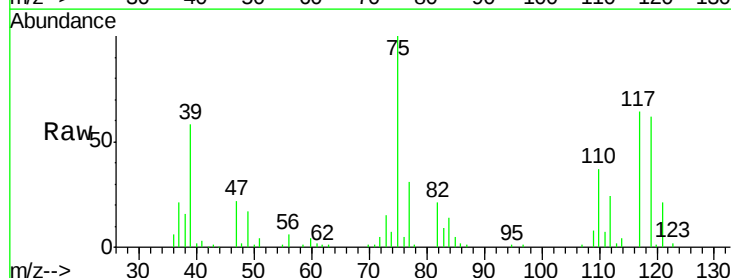
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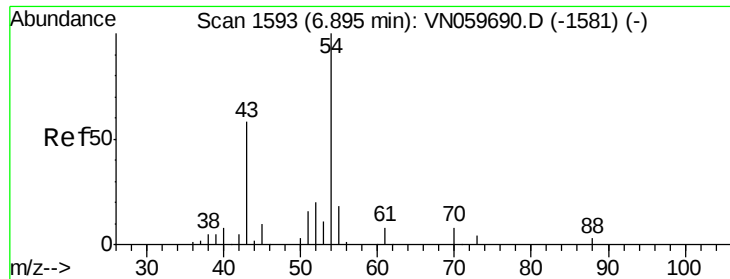
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#36
 1,1-Dichloropropene
 Concen: 49.455 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	16.6	49.7
77	30.6	25.1	37.7





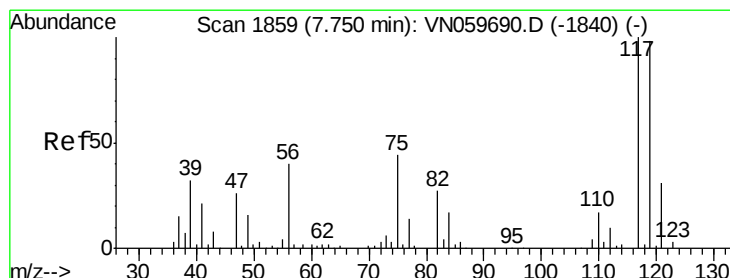
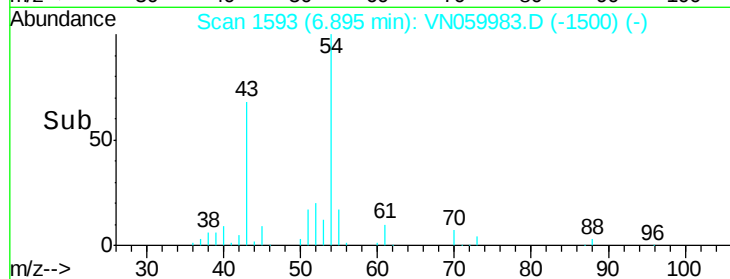
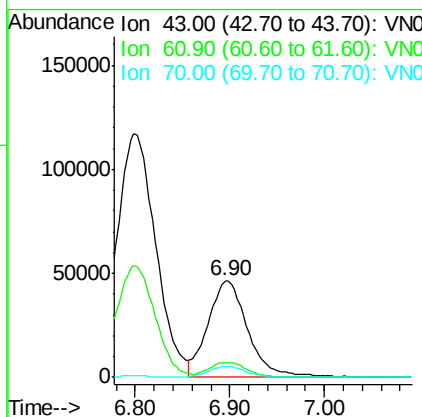
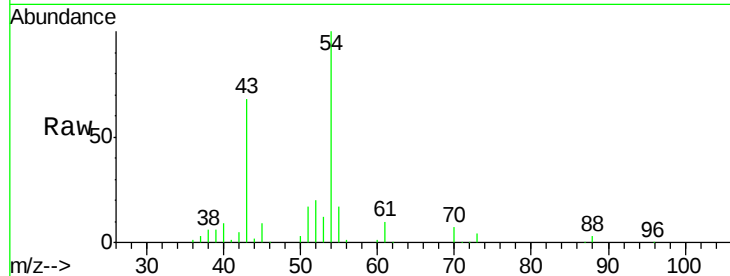
#37
Ethyl Acetate
Concen: 53.730 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70
Resp	132922		
Ratio	100	15.2	10.8
Lower		10.9	7.7
Upper		16.3	11.5

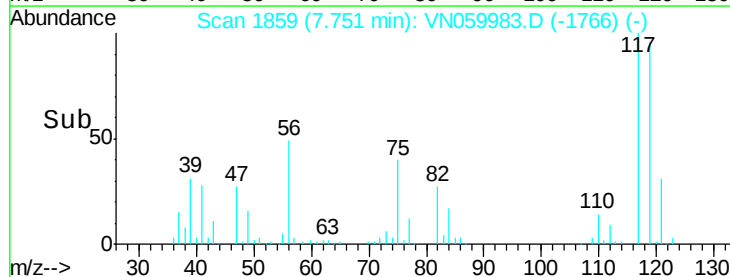
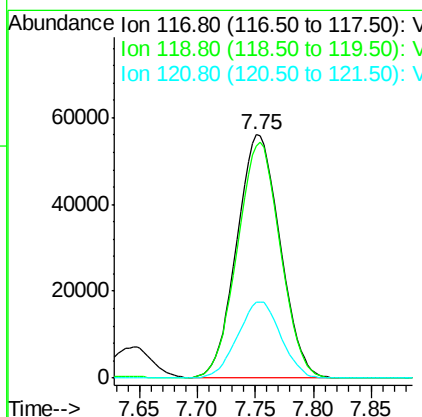
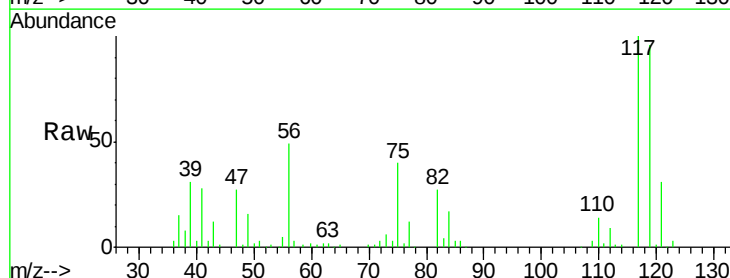
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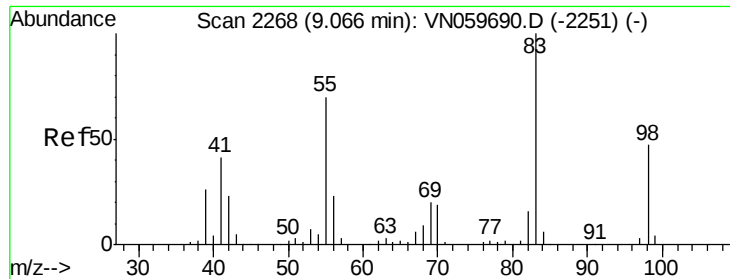
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#38
Carbon Tetrachloride
Concen: 50.732 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	117	119	121
Resp	145561		
Ratio	100	95.6	31.2
Lower		76.5	25.1
Upper		114.7	37.7





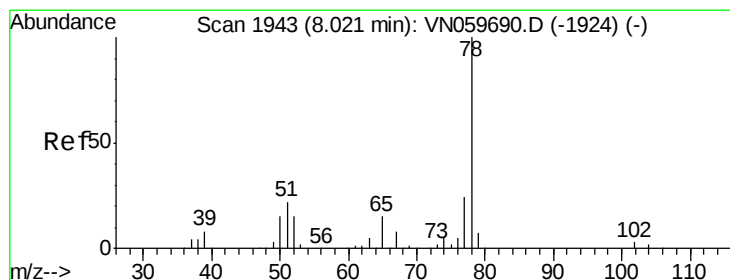
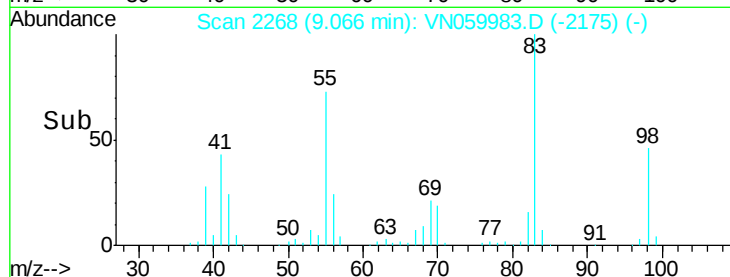
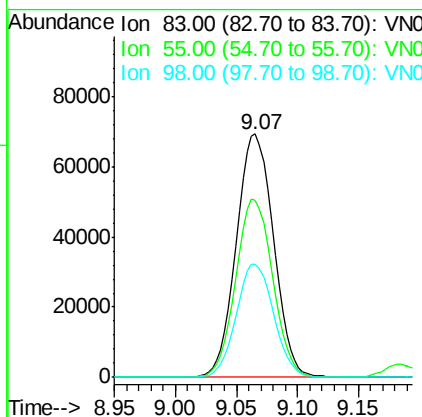
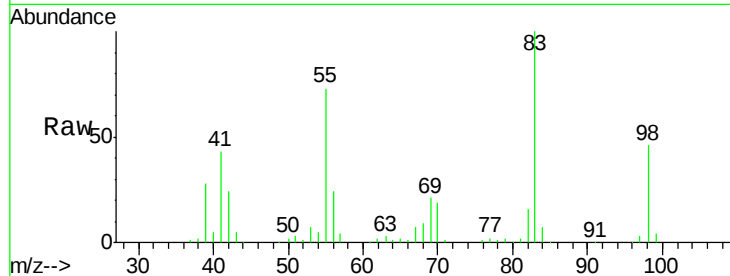
#39
Methvlcvclohexane
Concen: 45.127 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	64.2	96.2
98	46.3	35.9	53.9

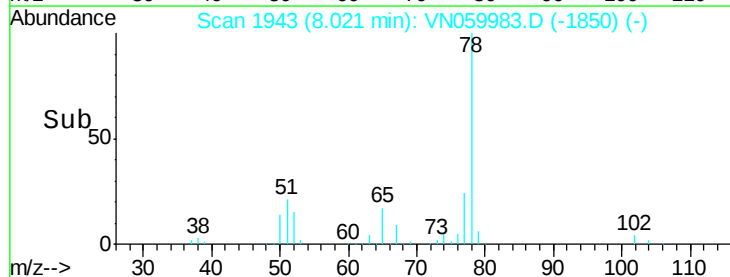
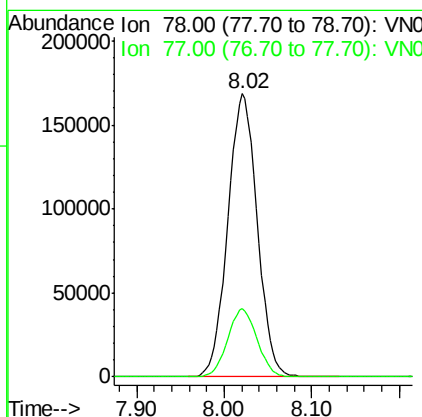
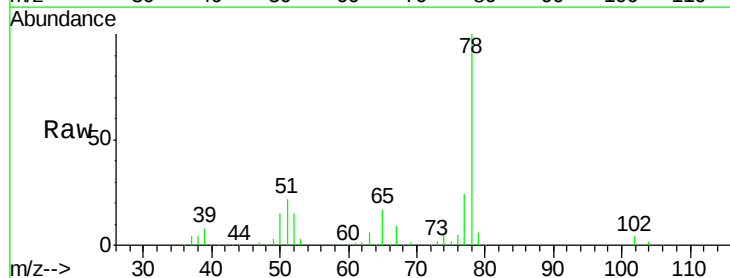
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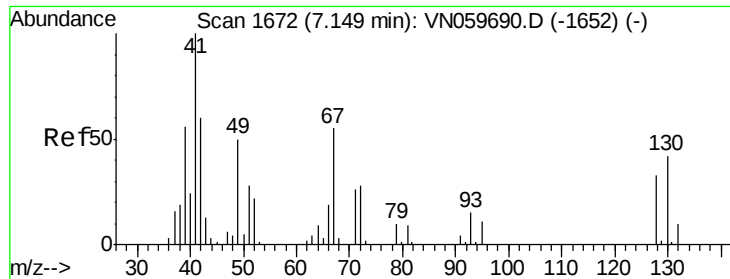
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#40
Benzene
Concen: 50.000 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





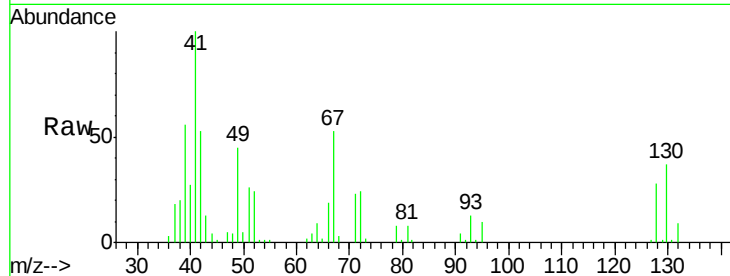
#41
Methacrylonitrile
Concen: 48.204 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

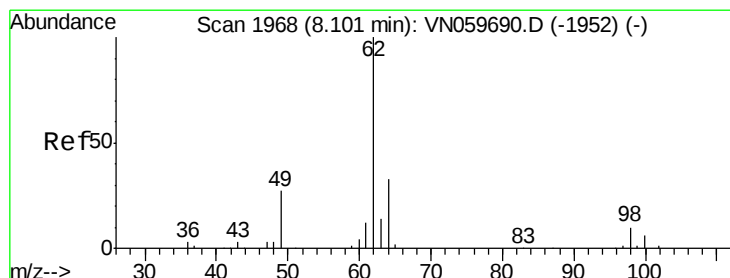
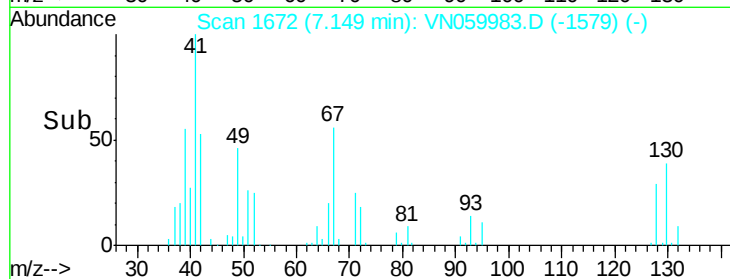
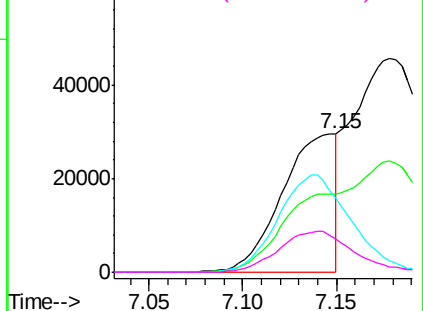
Tot Ion	41	Resp	58738
Ion	Ratio	Lower	Upper
41	100		
39	176.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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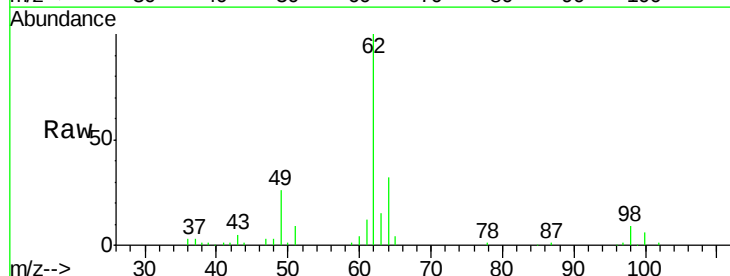


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

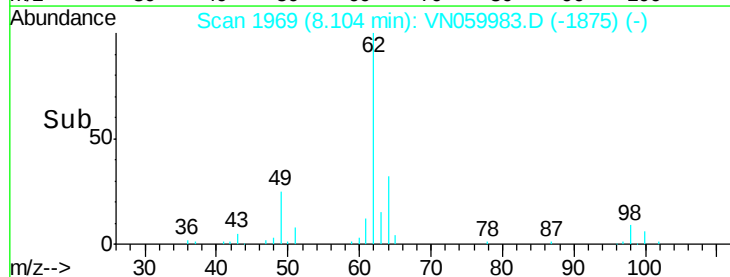
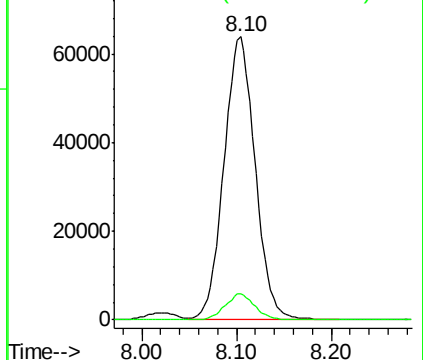


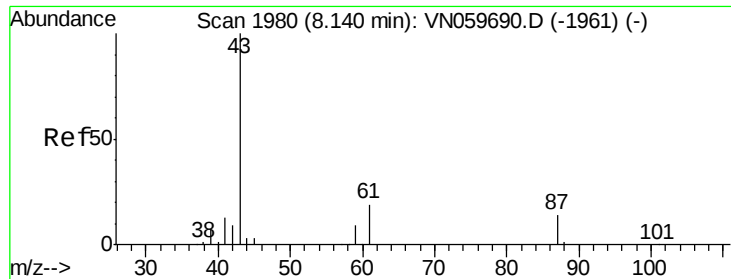
#42
1,2-Dichloroethane
Concen: 54.872 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	62	Resp	146351
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





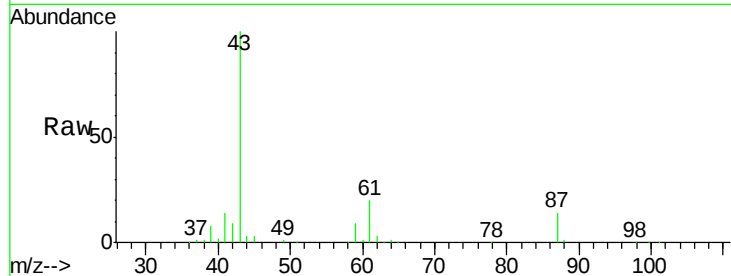
#43
Isopropyl Acetate
Concen: 54.293 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.8	20.2	30.2
87	14.3	9.5	14.3

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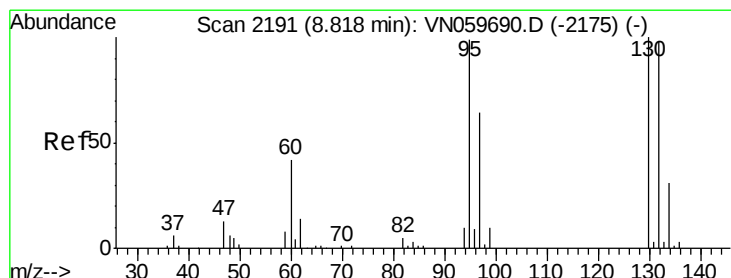
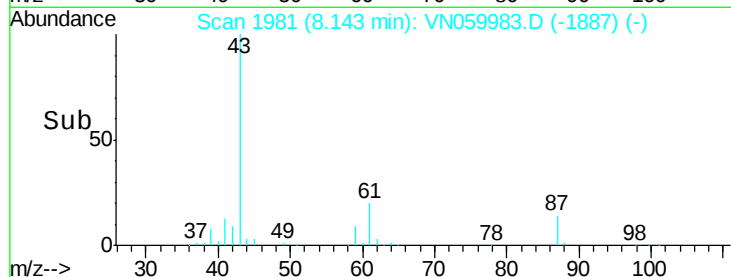
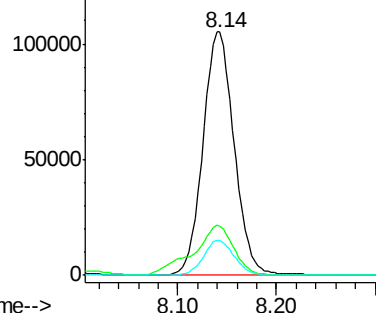
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Abundance Ion 43.00 (42.70 to 43.70): VN059983.D (-1987) (-)

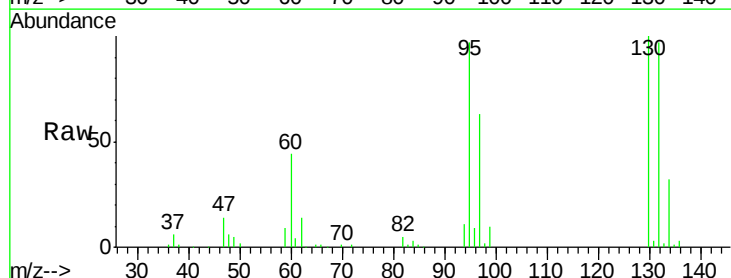
Ion 61.00 (60.70 to 61.70): VN059983.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN059983.D (-1987) (-)



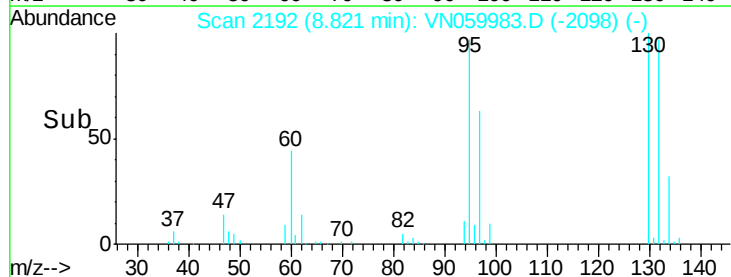
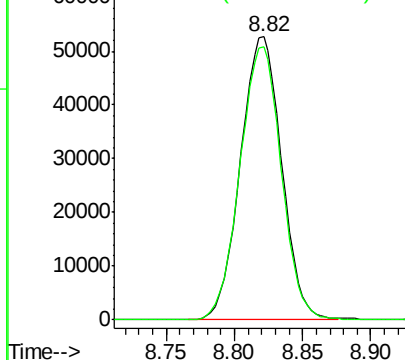
#44
Trichloroethene
Concen: 51.363 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

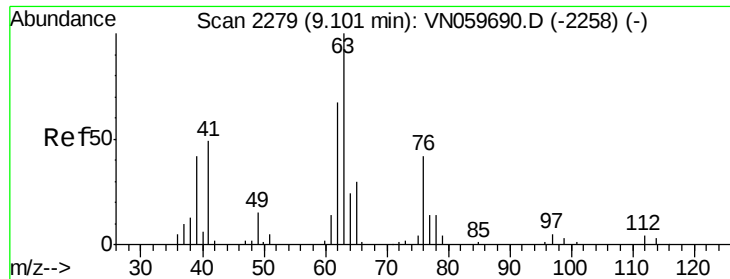
Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059983.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059983.D (-2098) (-)





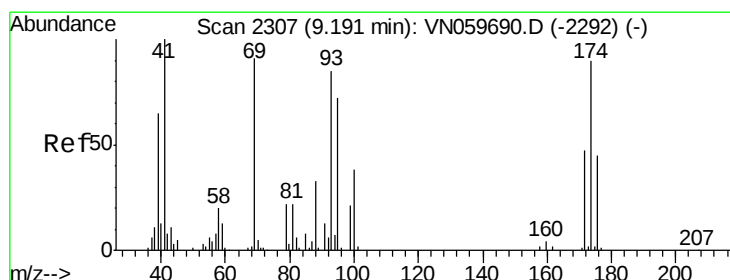
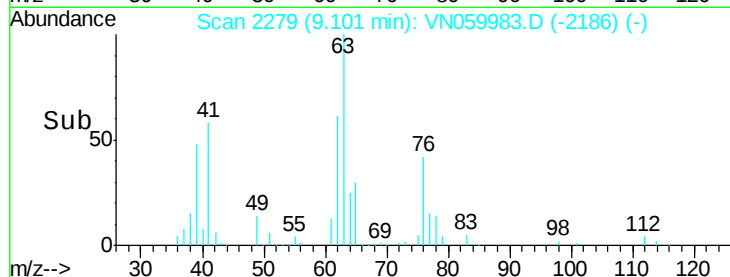
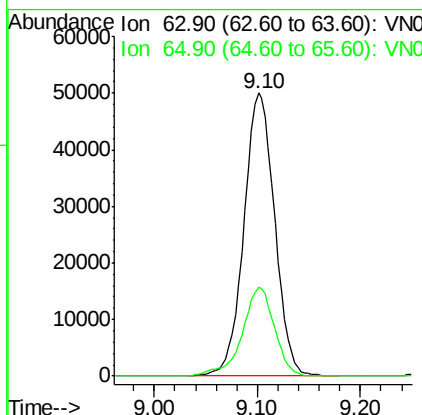
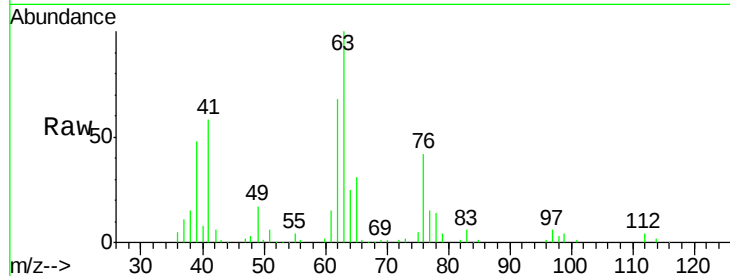
#45
 1,2-Dichloropropane
 Concen: 53.241 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3

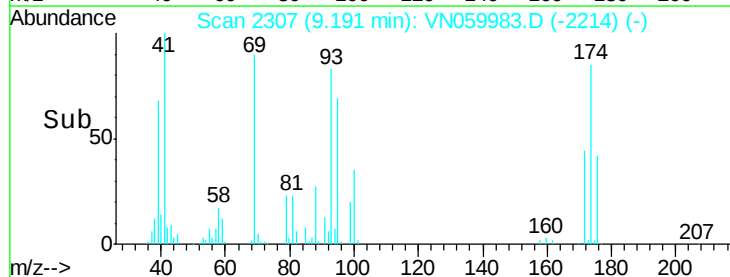
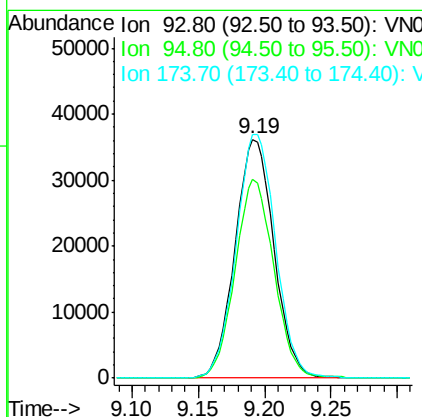
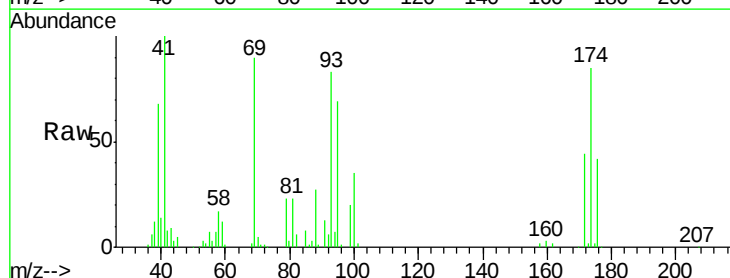
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#46
 Dibromomethane
 Concen: 53.732 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.0	100.6
174	103.8	73.4	110.2





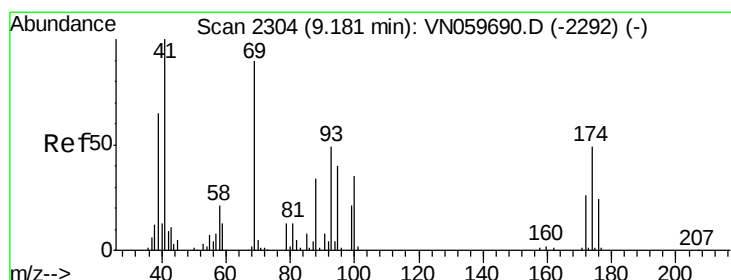
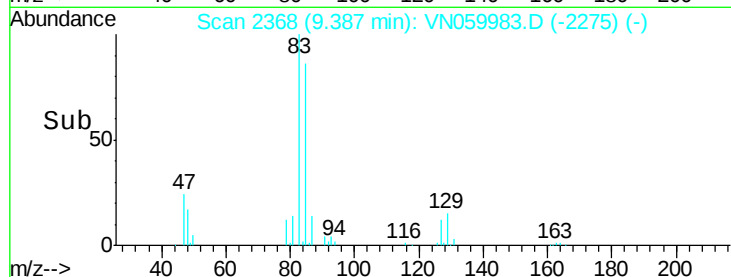
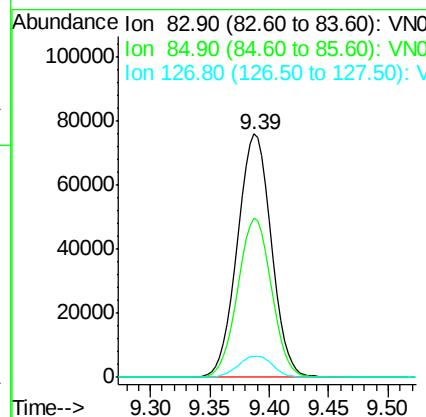
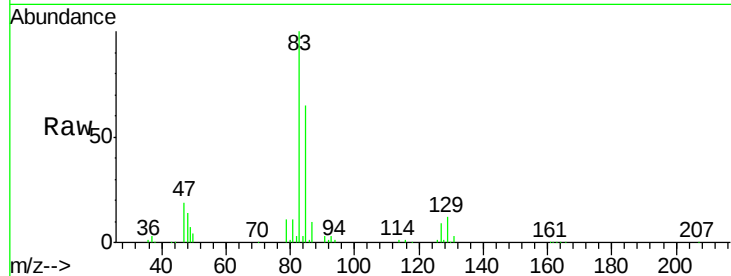
#47
Bromodichloromethane
Concen: 54.473 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	150728
Ion Ratio	100		
83	100		
85	65.2	51.1	76.7
127	8.8	6.6	9.8

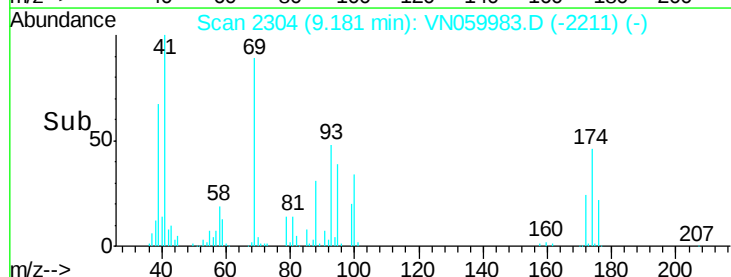
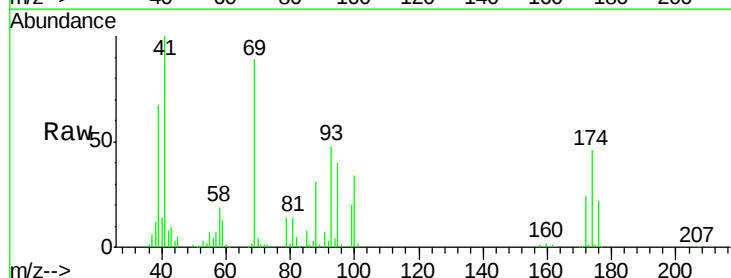
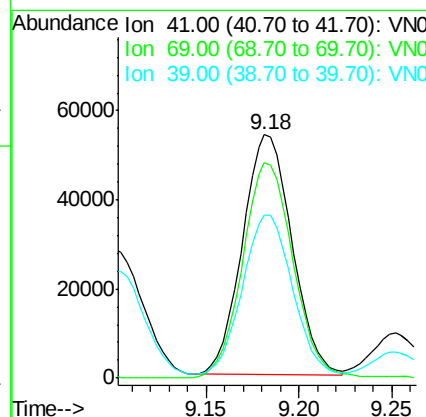
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#48
Methyl methacrylate
Concen: 52.854 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	41	Resp	100599
Ion Ratio	100		
41	100		
69	91.4	64.4	96.6
39	69.9	51.3	76.9





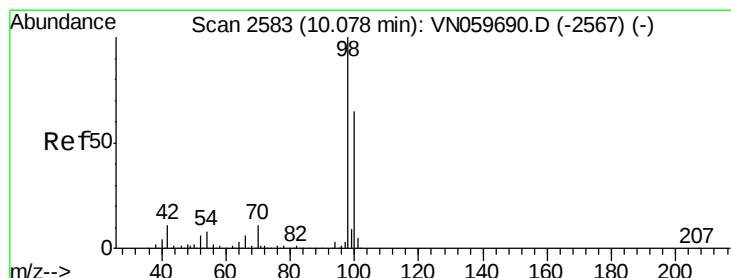
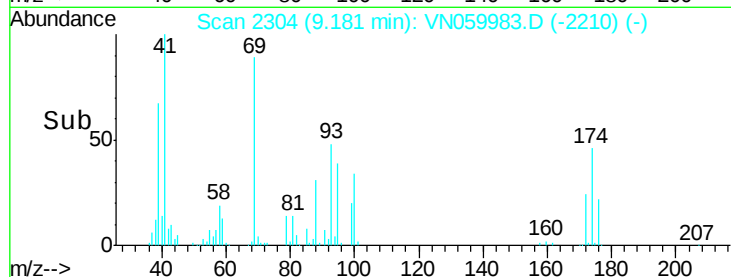
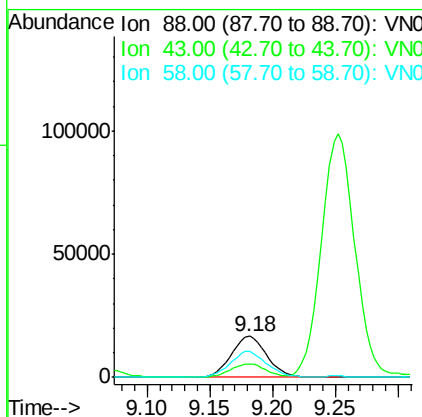
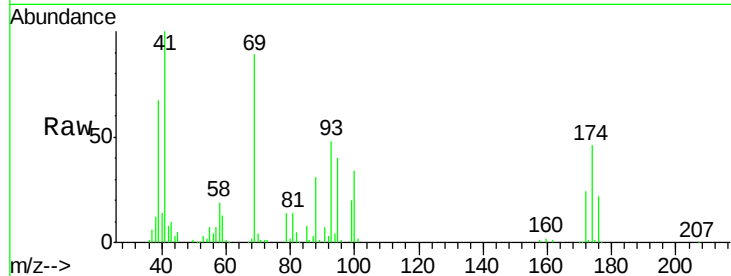
#49
 1,4-Dioxane
 Concen: 951.067 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	33138
Ion	Ratio	Lower	Upper
88	100		
43	32.7	29.7	44.5
58	63.7	56.6	85.0

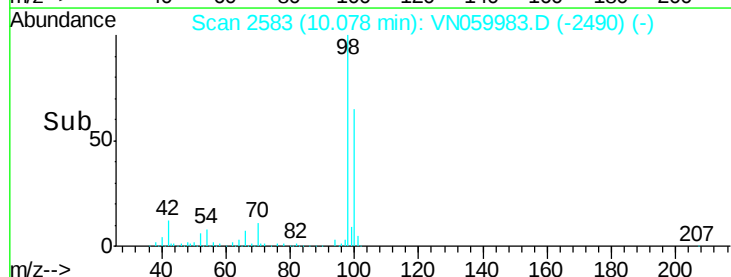
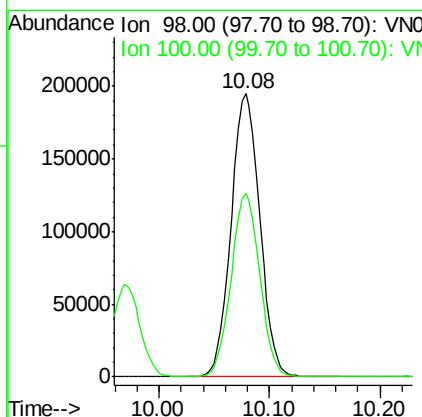
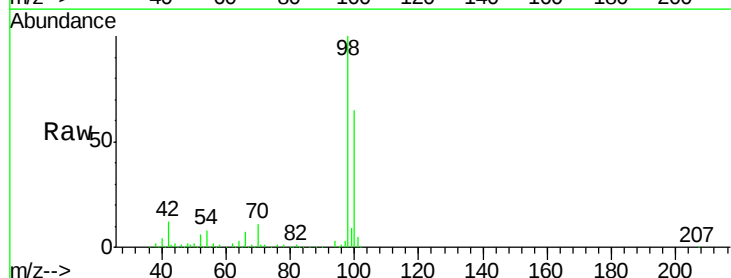
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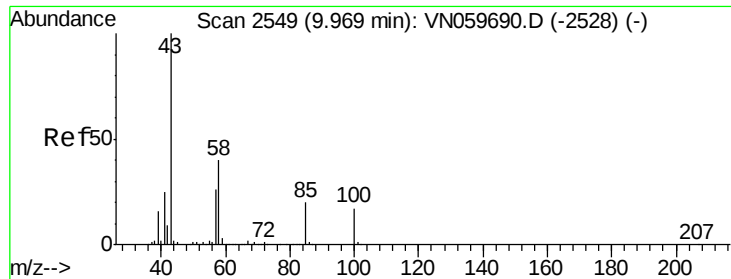
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#50
 Toluene-d8
 Concen: 50.324 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	98	Resp	352181
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 281.942 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 693515

Ion Ratio Lower Upper

43 100

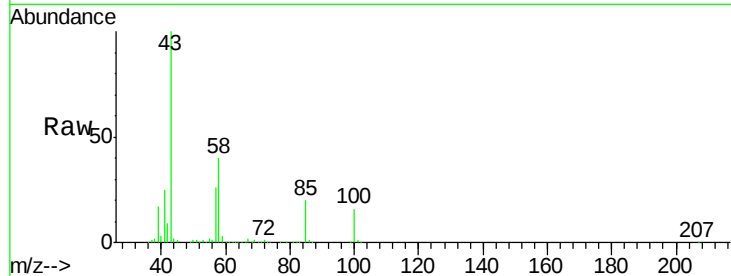
58 39.8 29.8 44.8

Manual Integrations

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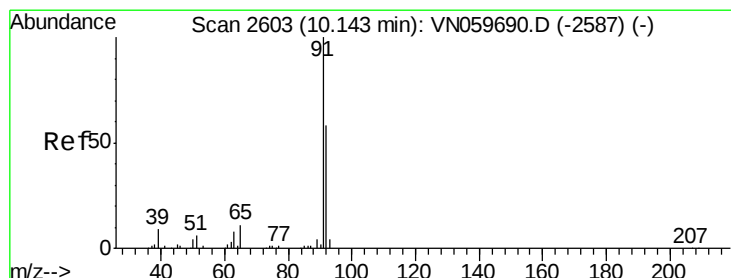
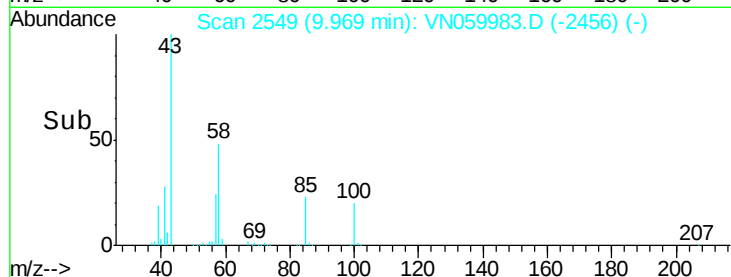
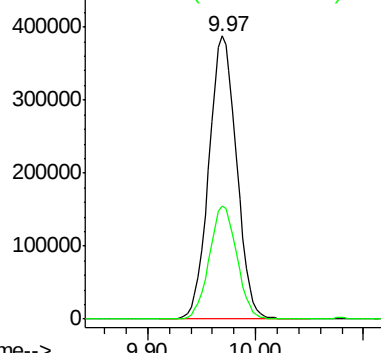
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.307 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059983.D

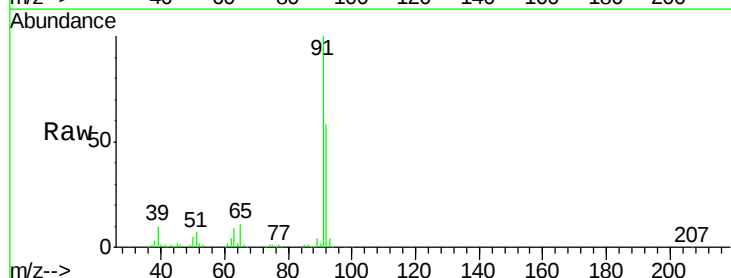
Acq: 3 Feb 2020 18:27

Tgt Ion: 92 Resp: 254932

Ion Ratio Lower Upper

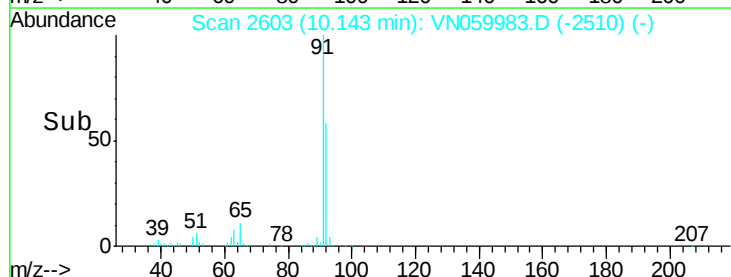
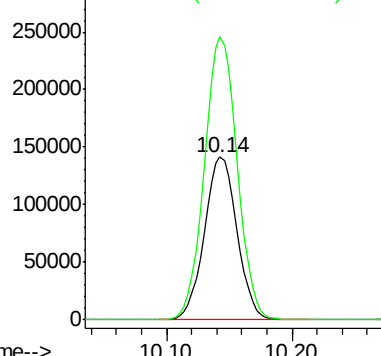
92 100

91 175.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





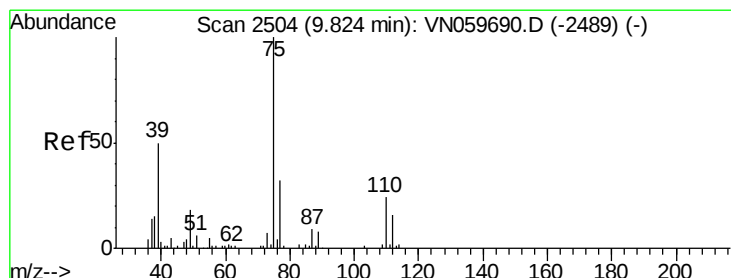
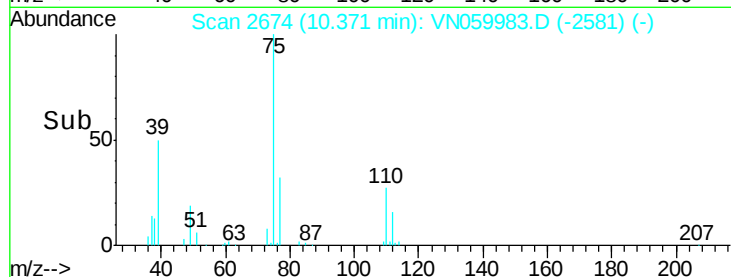
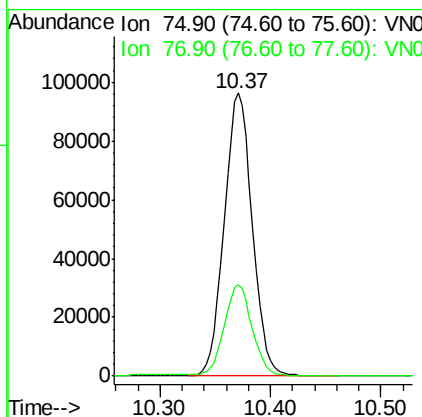
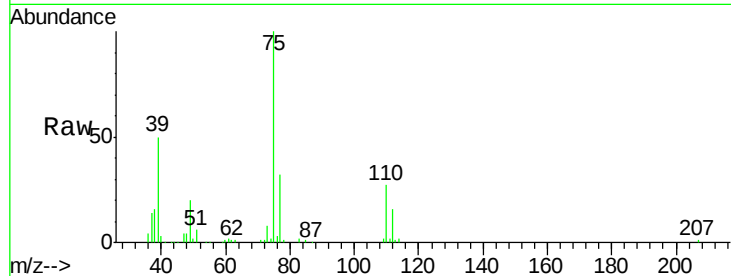
#53
 t-1,3-Dichloropropene
 Concen: 54.886 ug/l
 RT: 10.37 min Scan# 2674
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 169577
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

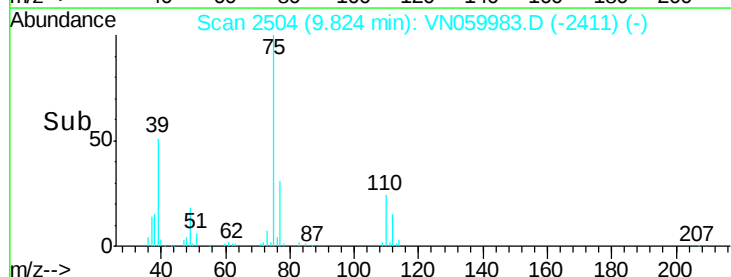
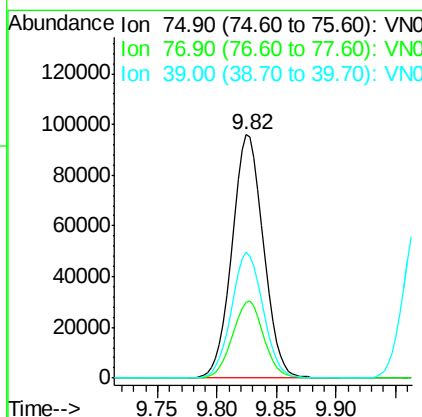
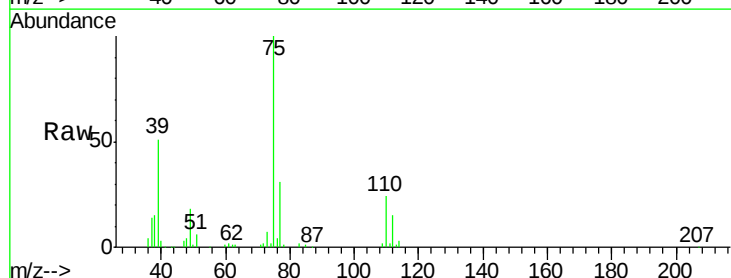
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#54
 cis-1,3-Dichloropropene
 Concen: 54.198 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion: 75 Resp: 176190
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 51.5 46.1 69.1





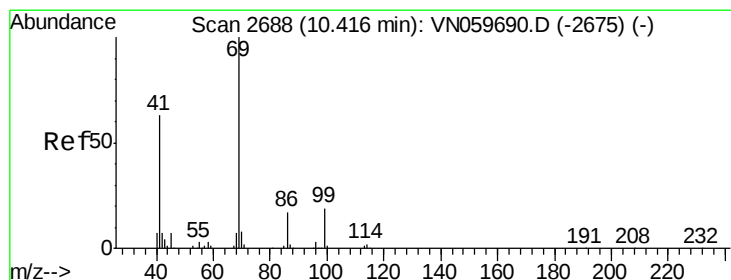
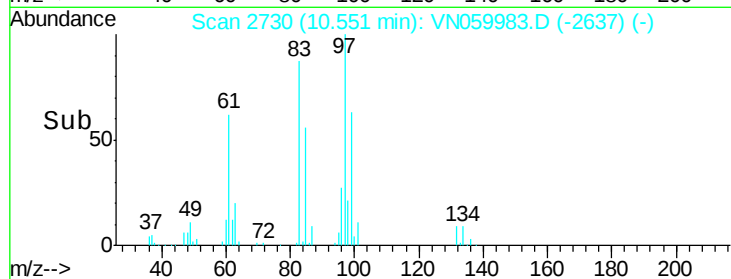
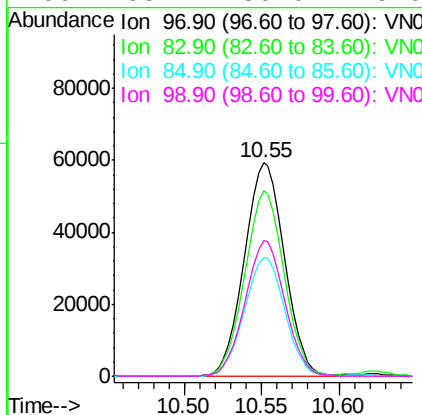
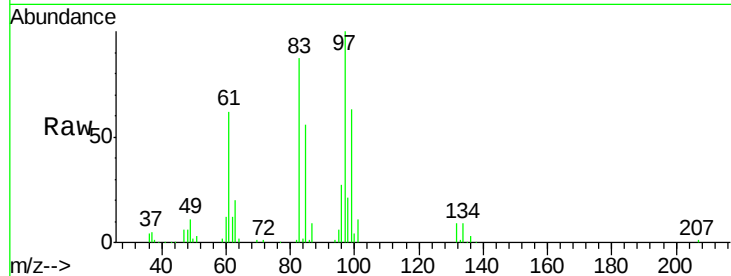
#55
 1,1,2-Trichloroethane
 Concen: 54.399 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	107053
Ion	Ratio	Lower	Upper
97	100		
83	86.9	71.3	106.9
85	55.8	45.8	68.8
99	63.2	50.0	75.0

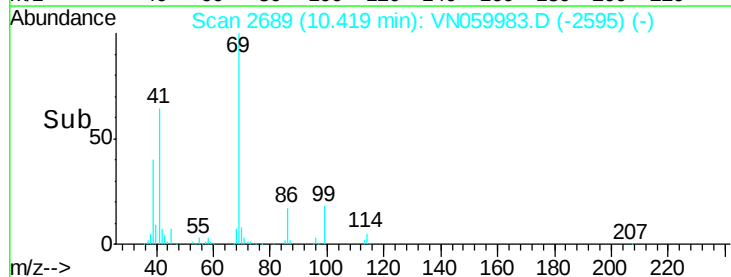
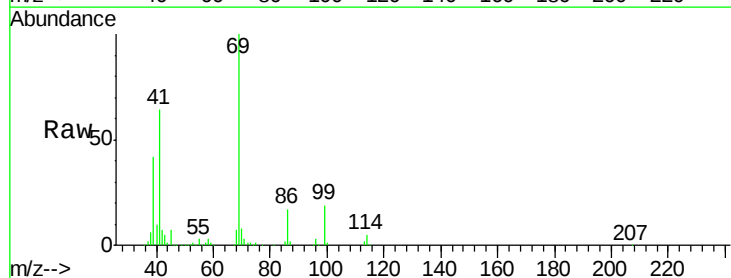
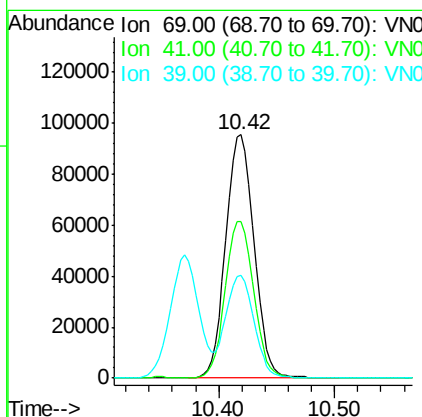
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#56
 Ethyl methacrylate
 Concen: 53.665 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion:	69	Resp:	161369
Ion	Ratio	Lower	Upper
69	100		
41	64.1	57.1	85.7
39	43.5	34.7	52.1





#57

1,3-Dichloropropane

Concen: 55.794 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 174317

Ion Ratio Lower Upper

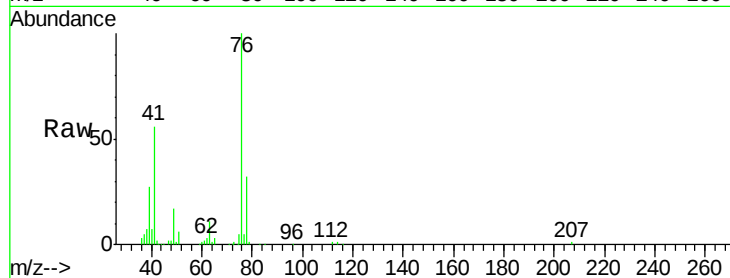
76 100

78 32.6 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

100000

80000

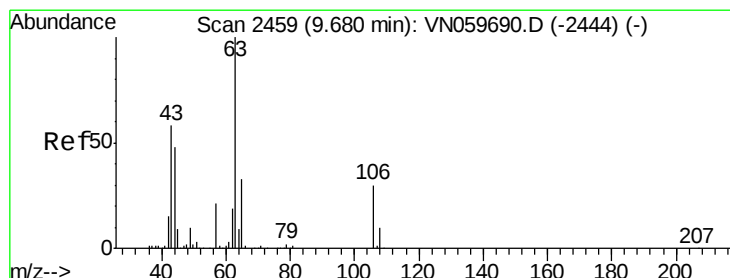
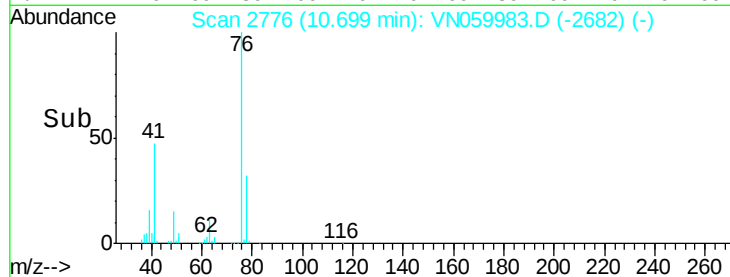
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 295.390 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059983.D

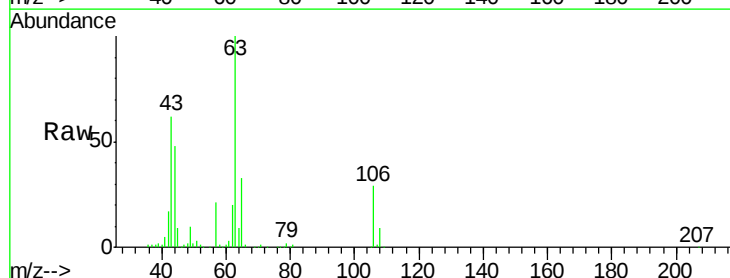
Acq: 3 Feb 2020 18:27

Tgt Ion: 63 Resp: 267539

Ion Ratio Lower Upper

63 100

106 29.1 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

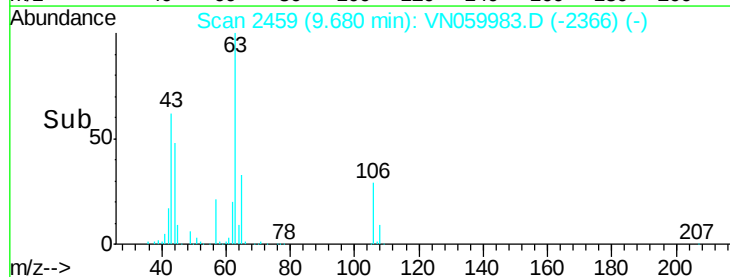
150000

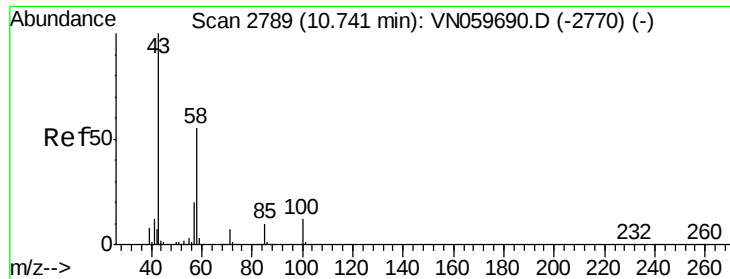
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80





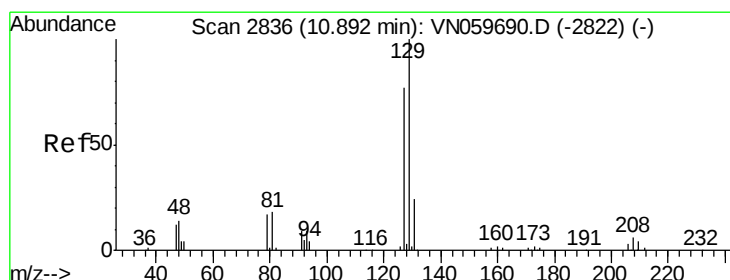
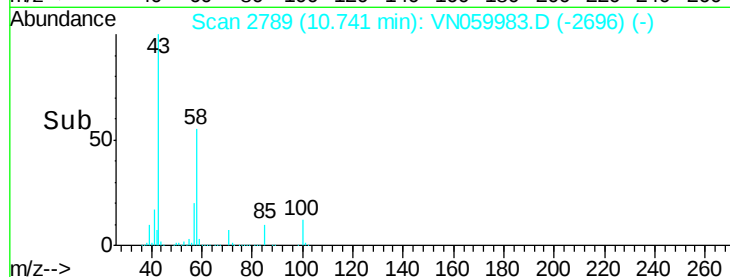
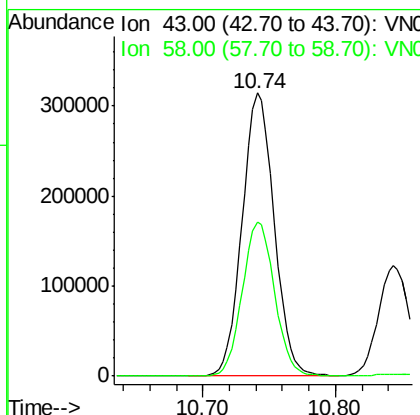
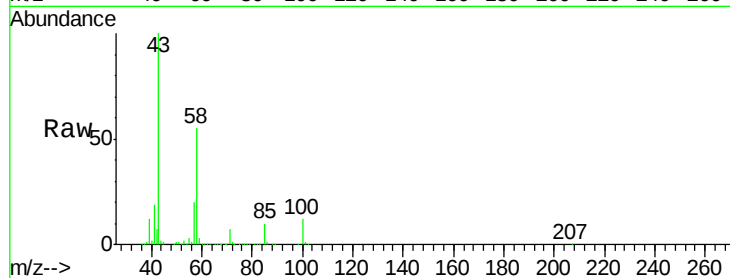
#59
2-Hexanone
Concen: 291.352 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 527966
Ion Ratio Lower Upper
43 100
58 54.9 25.8 77.3

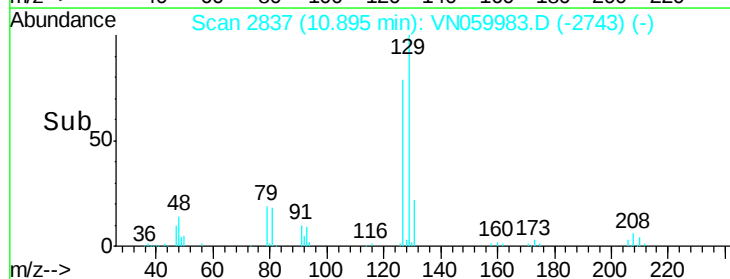
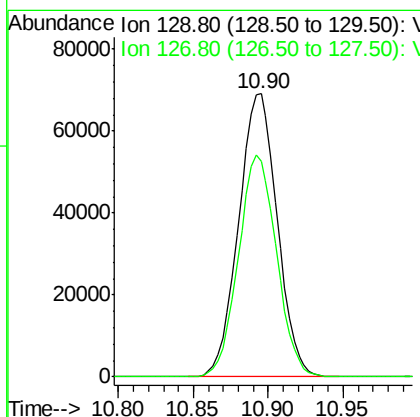
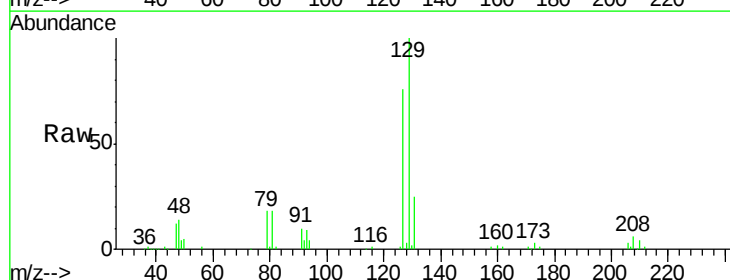
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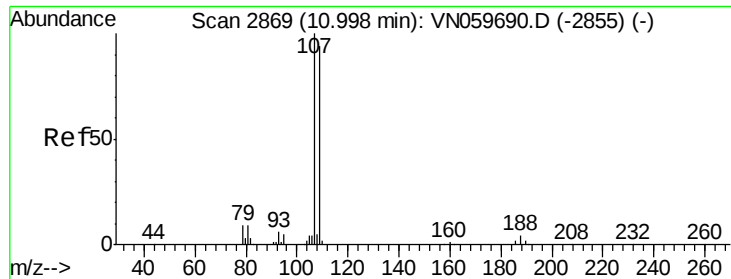
MMDadoda
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#60
Dibromochloromethane
Concen: 55.513 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion: 129 Resp: 124405
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 54.455 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 112319

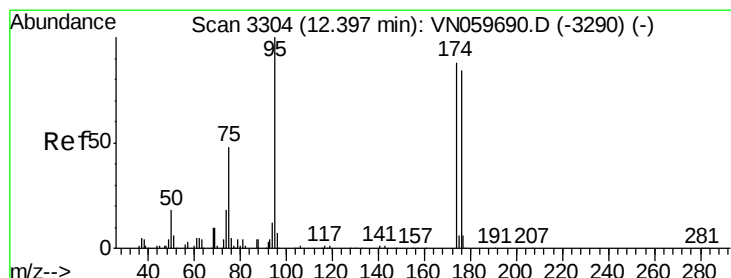
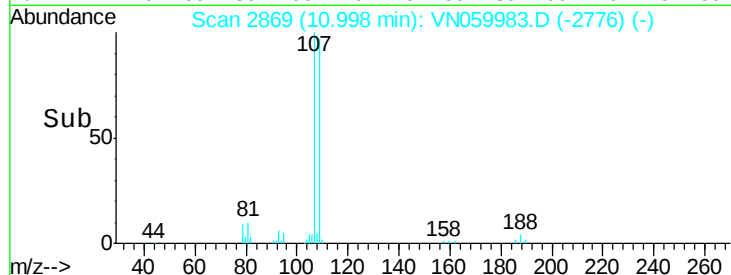
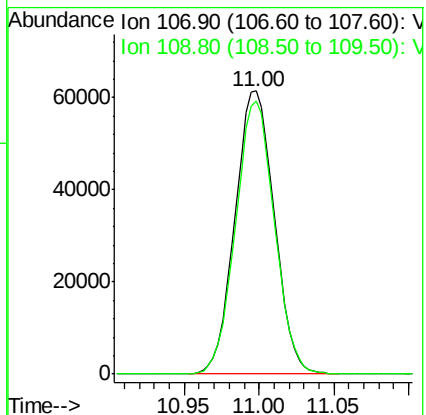
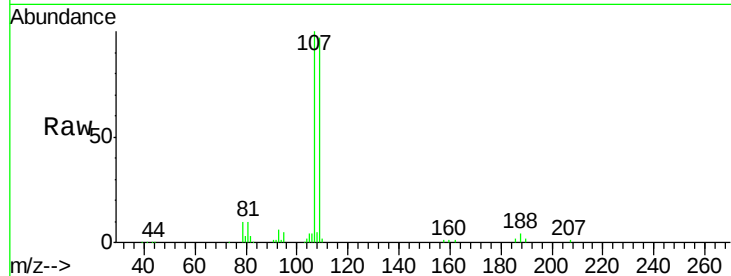
Ion Ratio Lower Upper

107 100

109 95.6 76.6 115.0

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#62

4-Bromofluorobenzene

Concen: 53.657 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

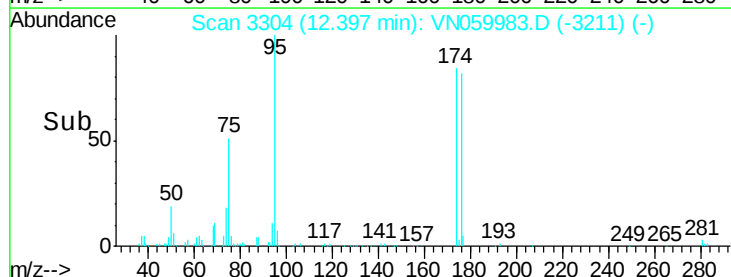
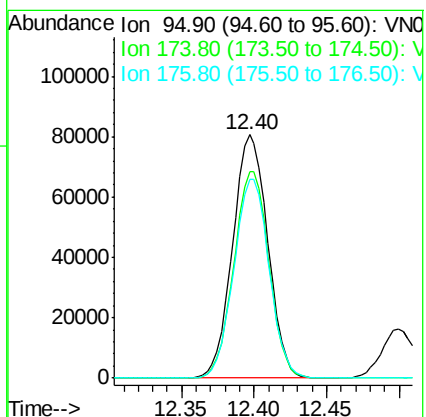
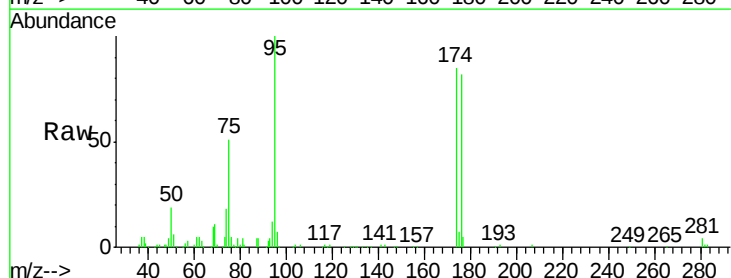
Tgt Ion: 95 Resp: 135369

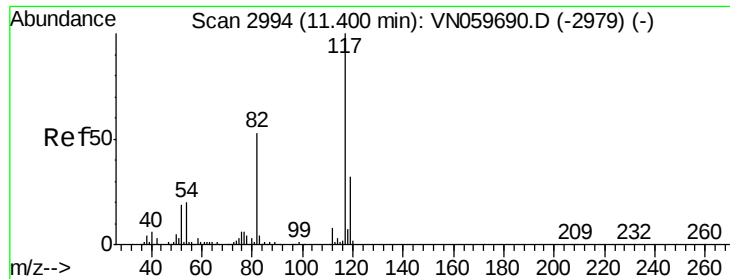
Ion Ratio Lower Upper

95 100

174 84.8 0.0 151.4

176 82.2 0.0 146.0





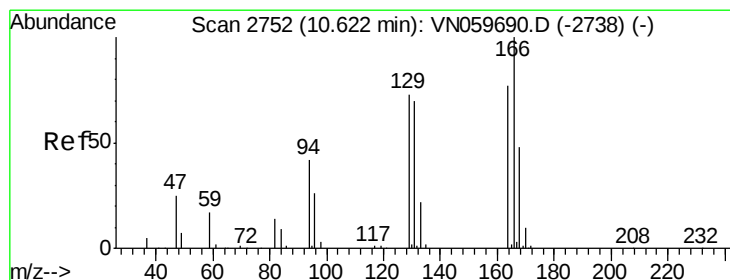
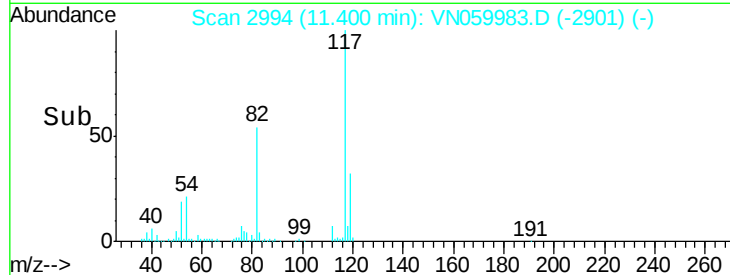
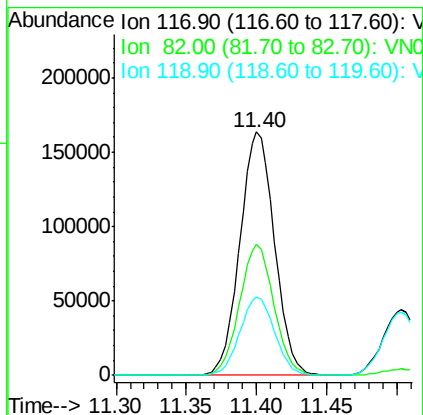
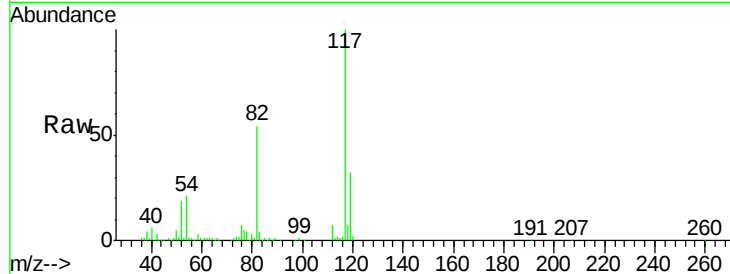
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	281402		
82	53.8	45.9	68.9	
119	32.2	25.5	38.3	

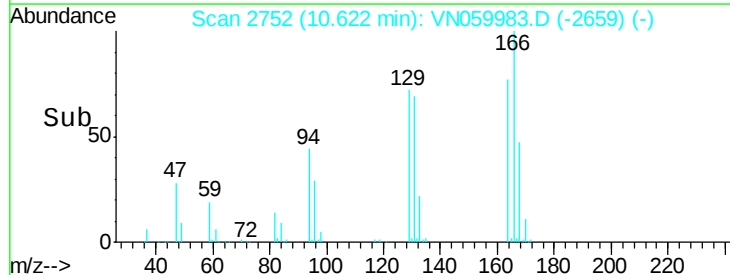
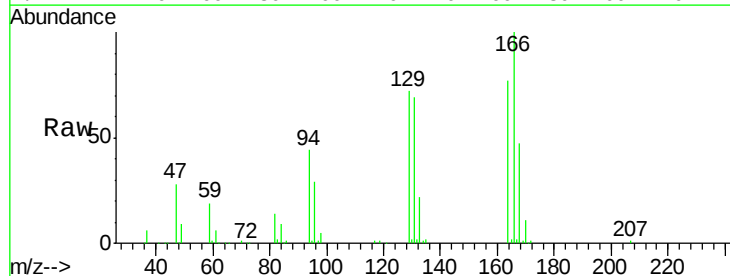
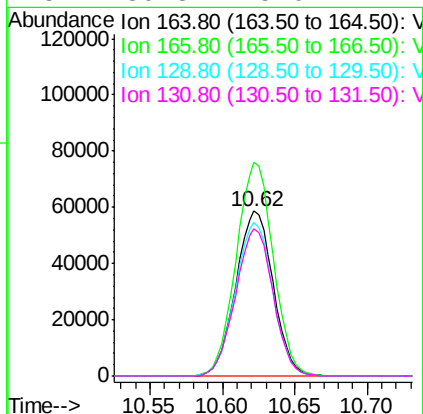
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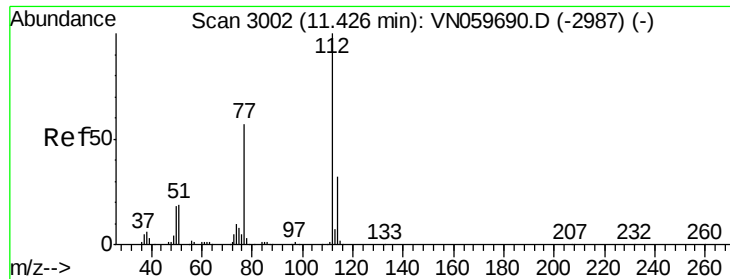
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#64
Tetrachloroethene
Concen: 45.799 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105038		
166	129.6	101.4	152.0	
129	93.2	80.2	120.4	
131	89.3	75.0	112.4	





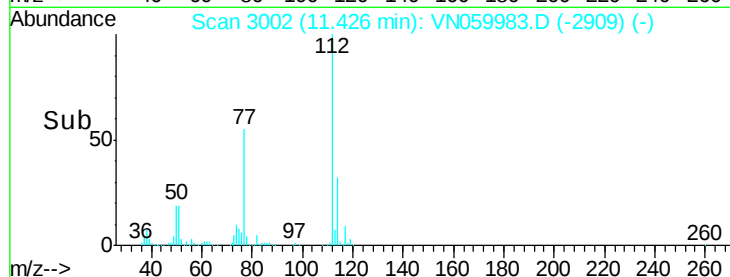
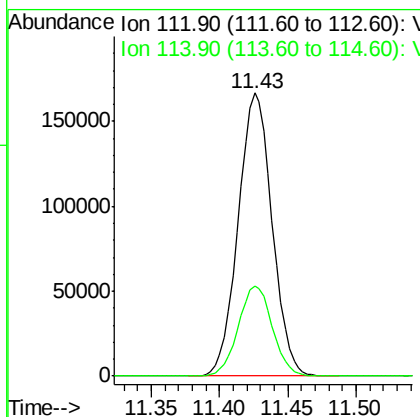
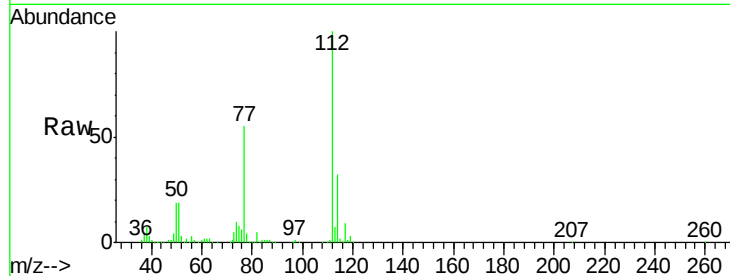
#65
Chlorobenzene
Concen: 51.944 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 287306
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

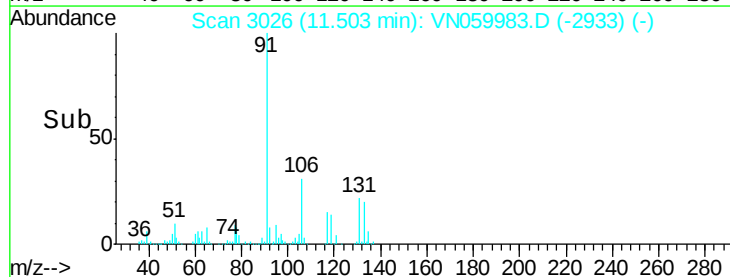
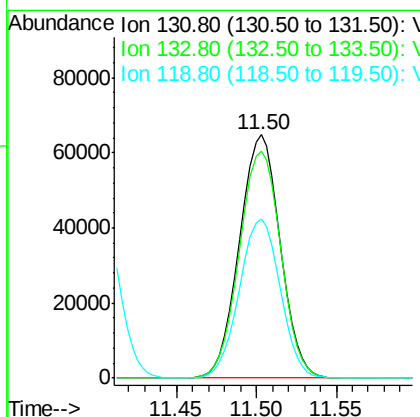
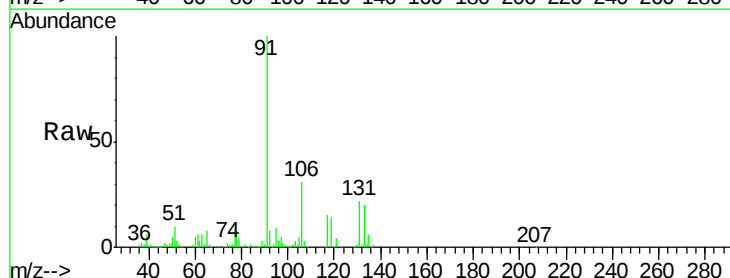
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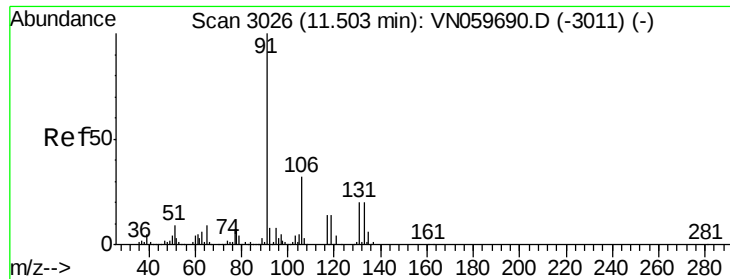
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.626 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion:131 Resp: 112472
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 65.9 33.1 99.3





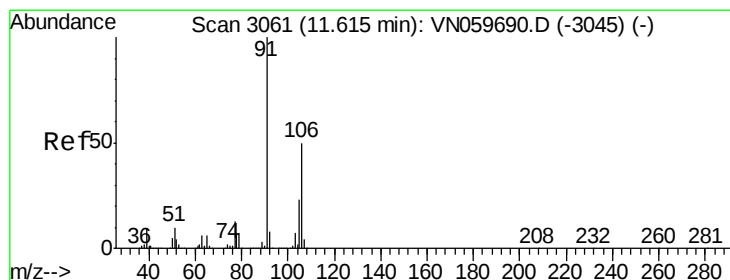
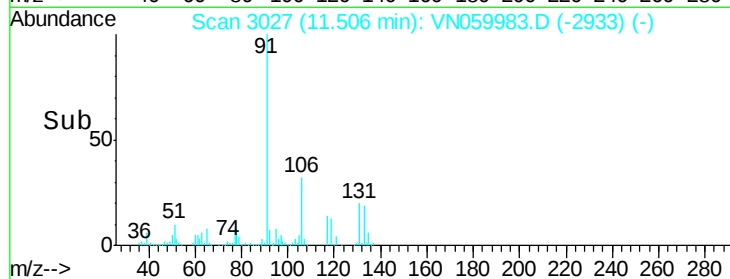
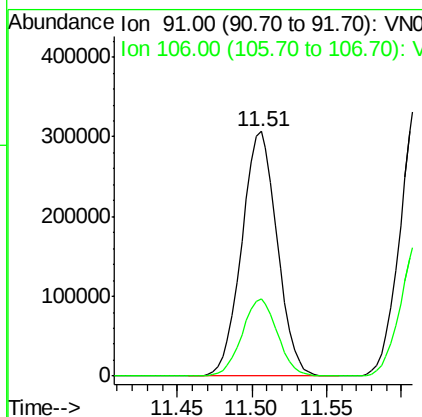
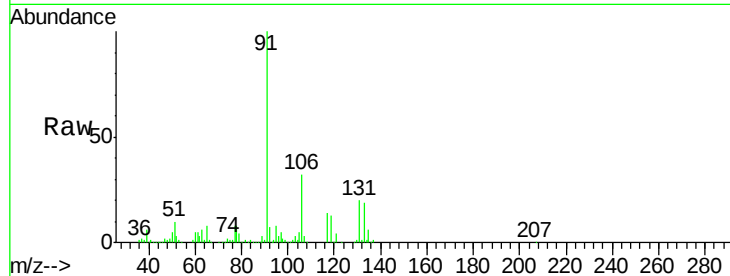
#67
Ethyl Benzene
Concen: 50.436 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		506411		
106	31.6	24.1	36.1		

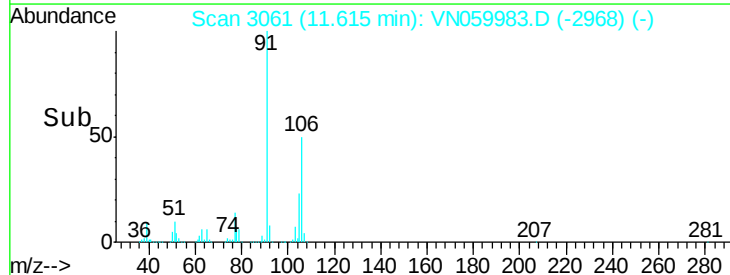
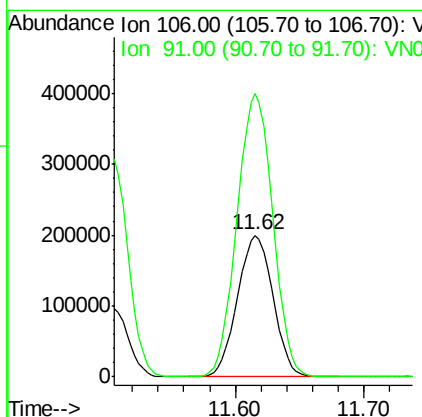
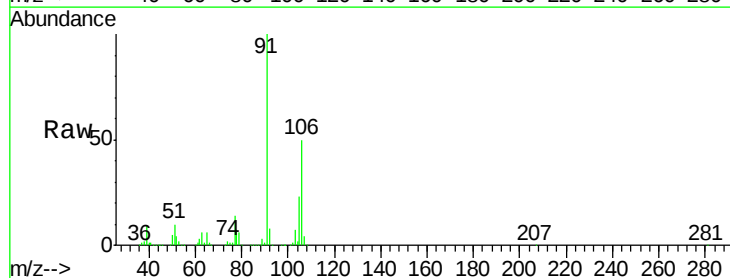
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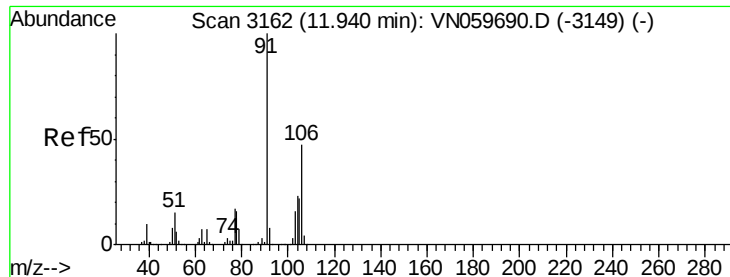
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#68
m/p-Xylenes
Concen: 101.012 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		383116		
91	201.4	167.9	251.9		





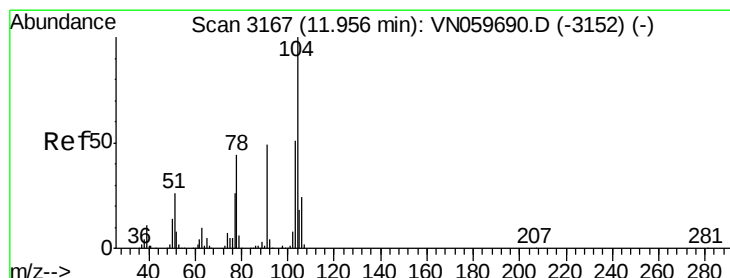
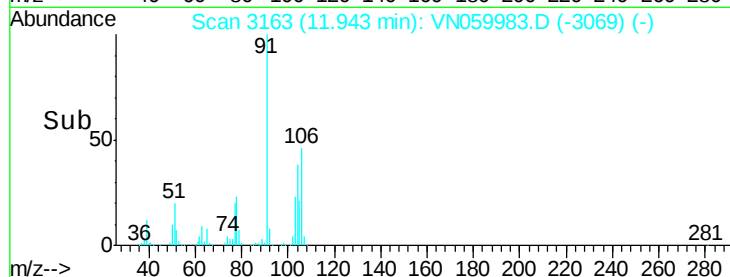
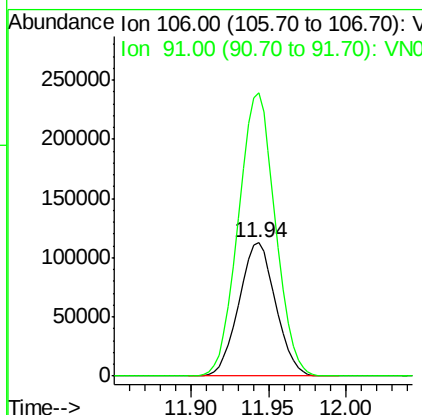
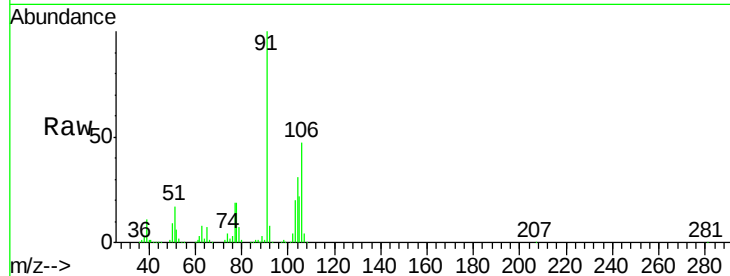
#69
o-Xylene
Concen: 50.184 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		186340		
91	212.8	110.3	330.9		

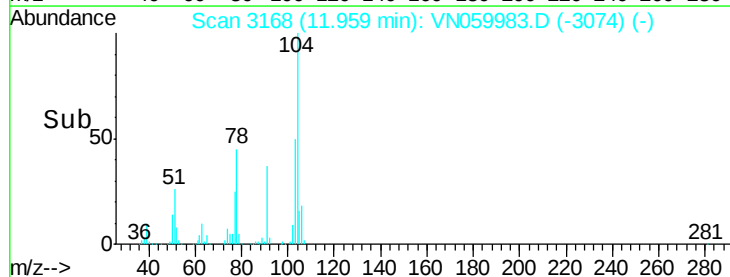
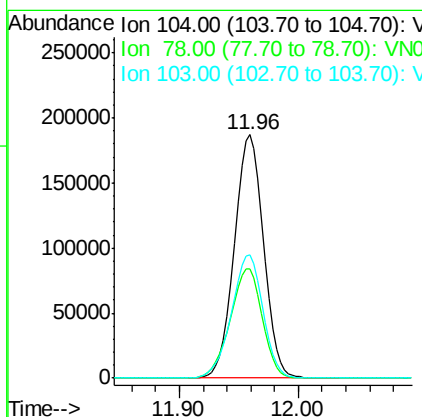
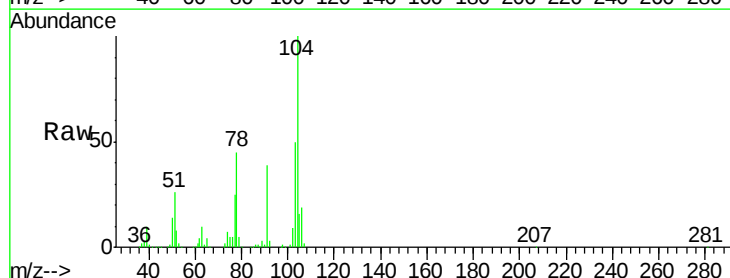
Manual Integrations
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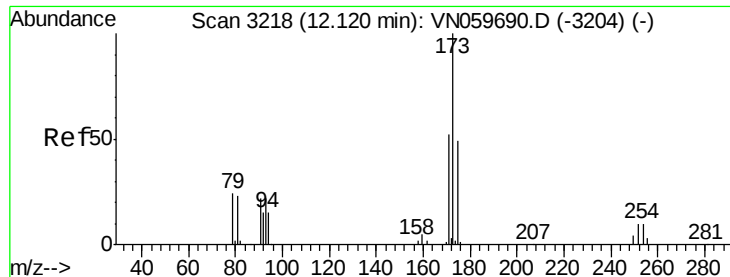
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#70
Styrene
Concen: 51.249 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		318427		
78	49.2	42.4	63.6		
103	54.4	43.9	65.9		





#71

Bromoform

Concen: 55.852 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 95614

Ion Ratio Lower Upper

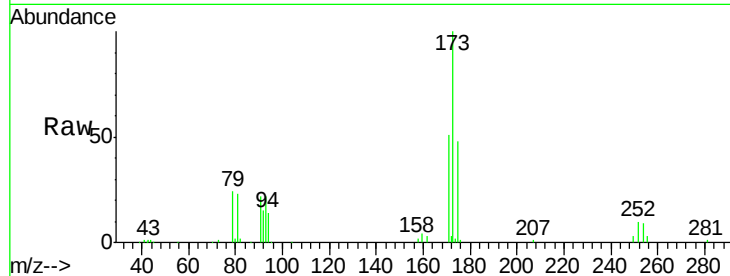
173 100

175 48.6 23.8 71.4

254 0.0 0.0 0.0

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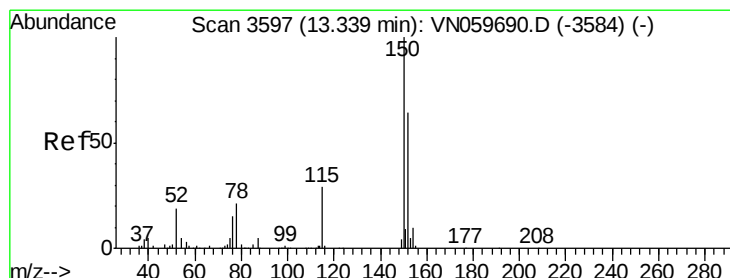
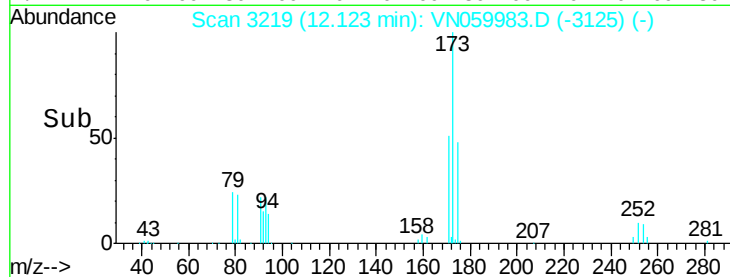
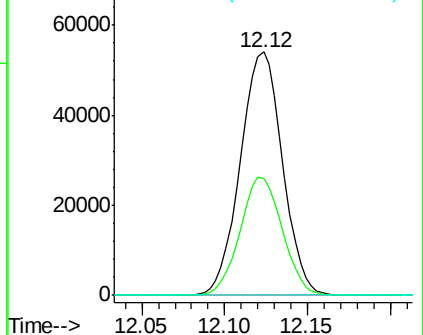
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

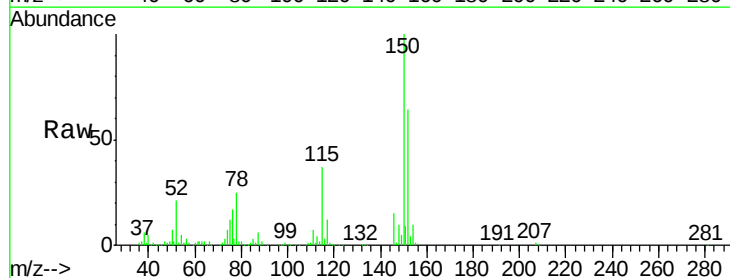
Tgt Ion:152 Resp: 142472

Ion Ratio Lower Upper

152 100

115 58.8 30.3 90.9

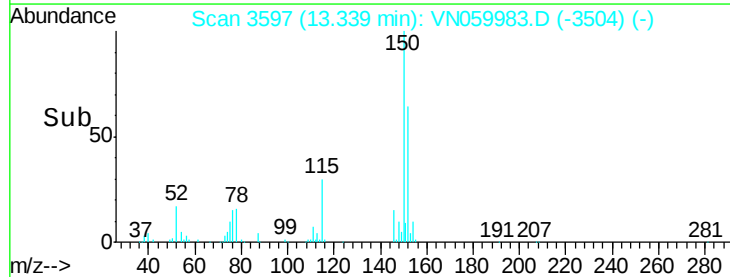
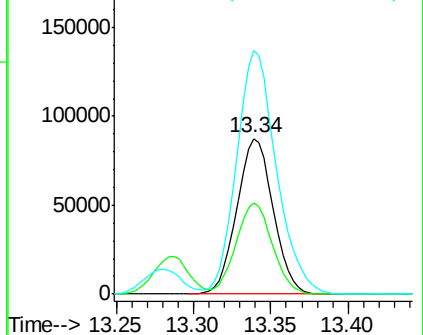
150 171.8 0.0 345.2

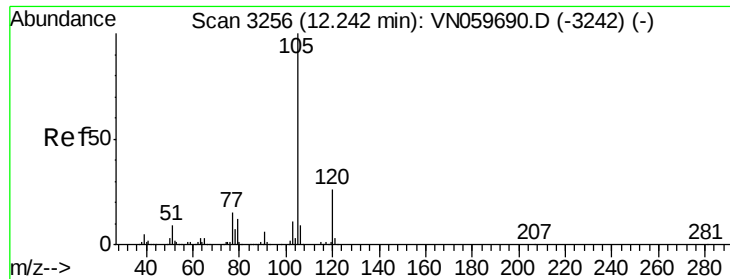


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





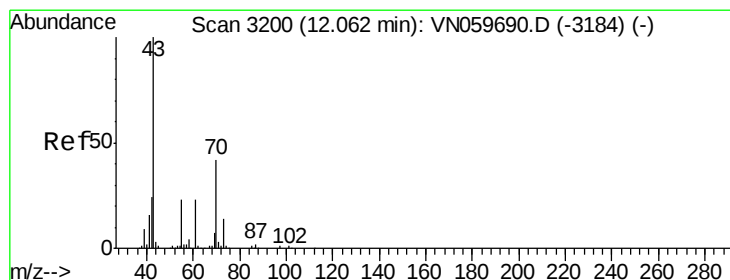
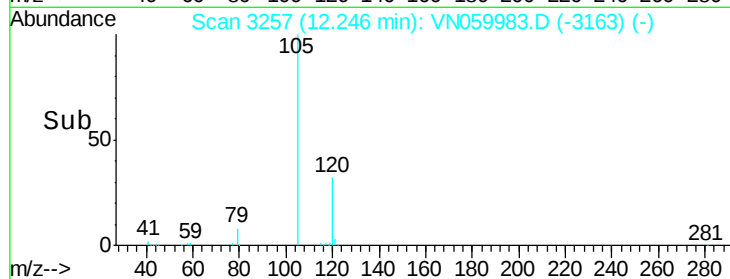
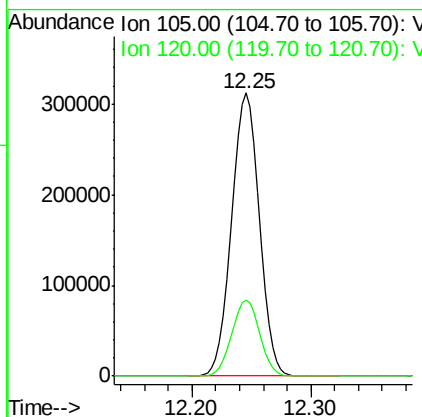
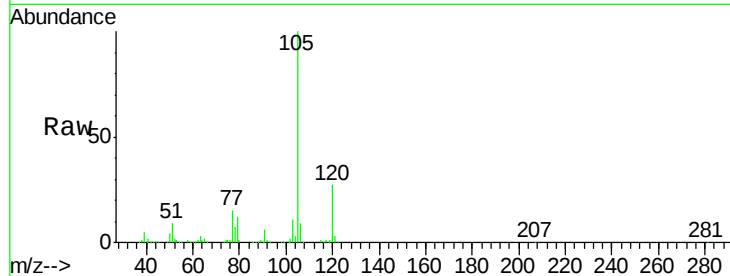
#73
Isopropylbenzene
Concen: 48.233 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.2	39.5

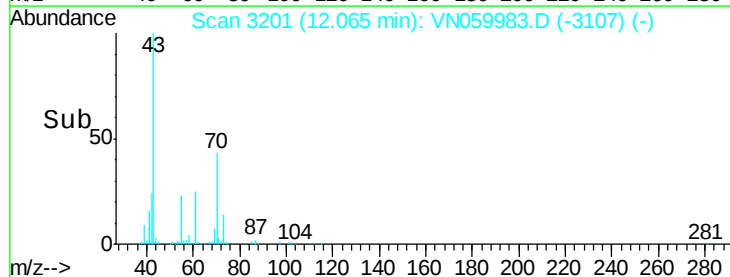
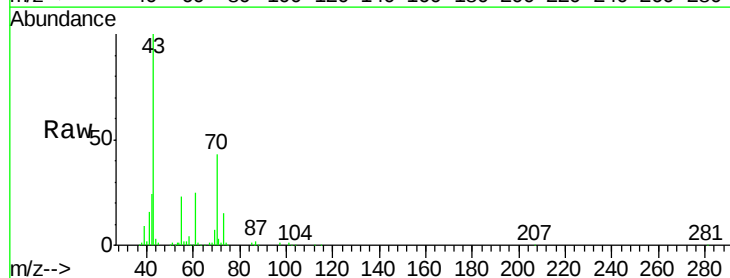
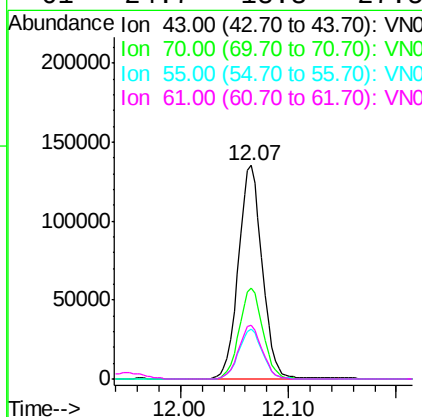
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#74
N-ethyl acetate
Concen: 51.132 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	31.3	46.9
55	23.6	19.8	29.6
61	24.7	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.886 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

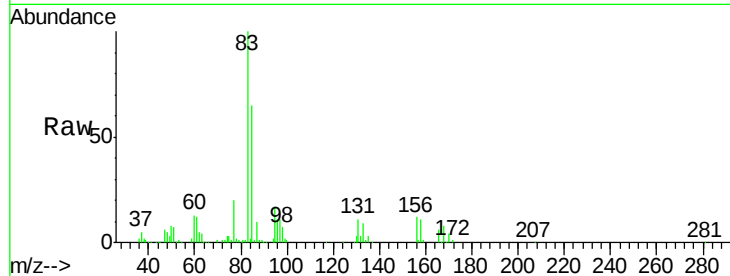
ClientSampleId :

VSTDCCC050EC

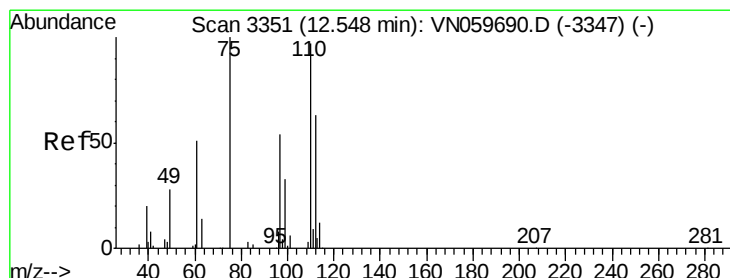
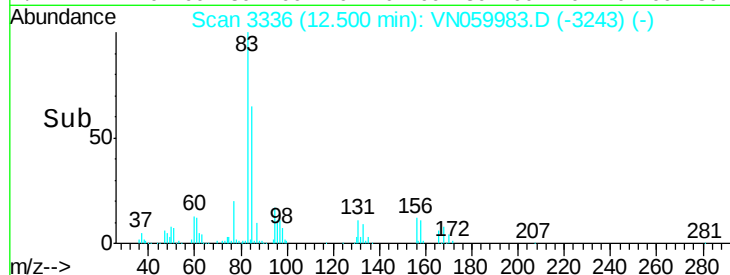
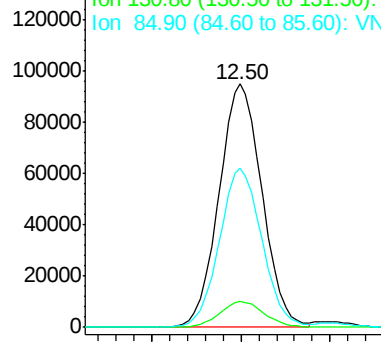
Tot Ion:	83	Resp:	160196
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.0	14.9
85	64.7	31.9	95.5

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Abundance Ion 82.90 (82.60 to 83.60): VN059983.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 56.715 ug/l m

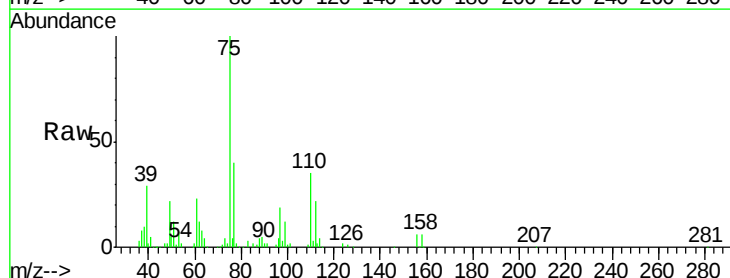
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

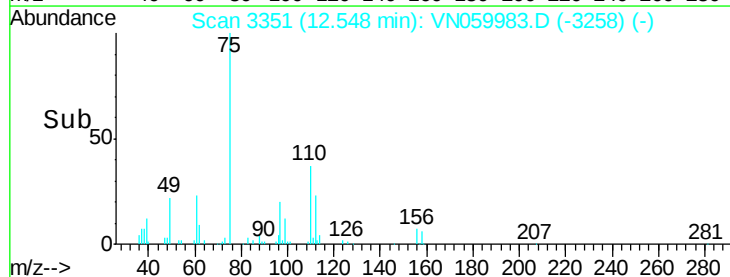
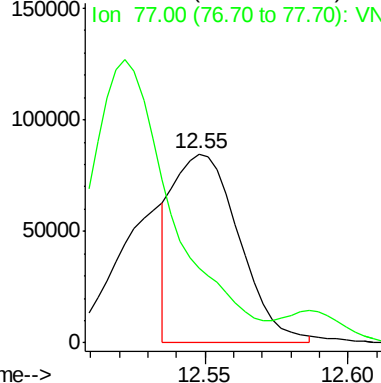
Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Tgt Ion:	75	Resp:	135983
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059983.D (-3258) (-)





#77

Bromobenzene

Concen: 49.867 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

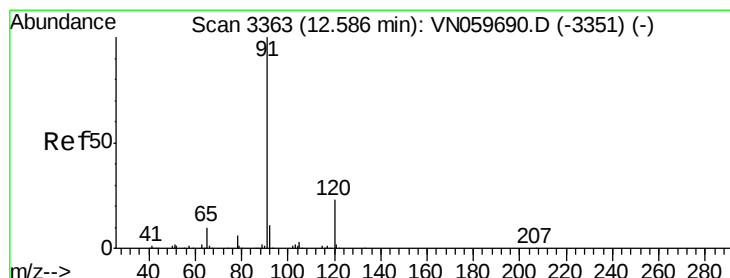
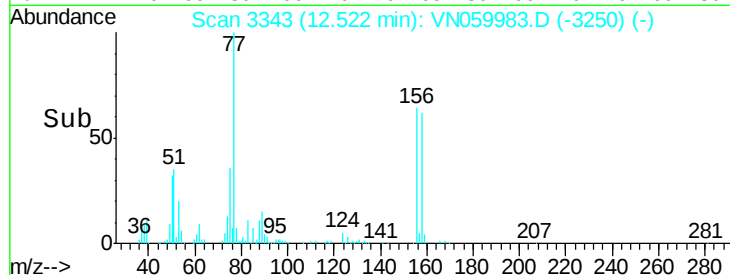
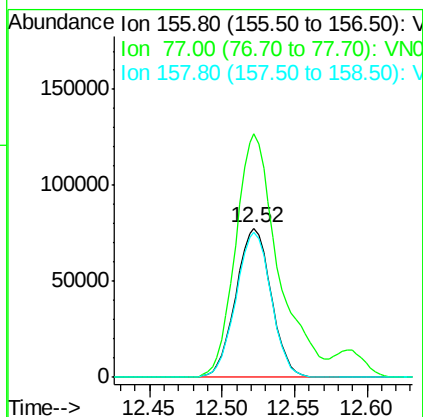
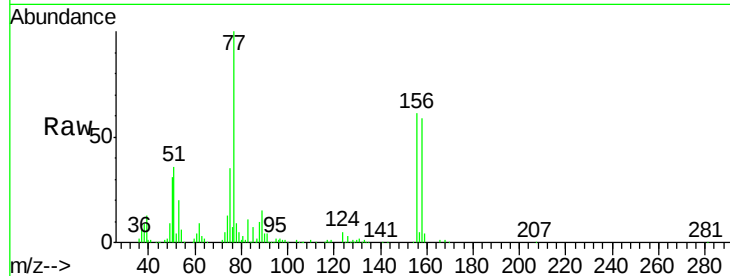
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	131951
Ion Ratio	Lower	Upper	
156	100		
77	196.5	115.8	347.4
158	96.7	49.2	147.6

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#78

n-propylbenzene

Concen: 48.591 ug/l

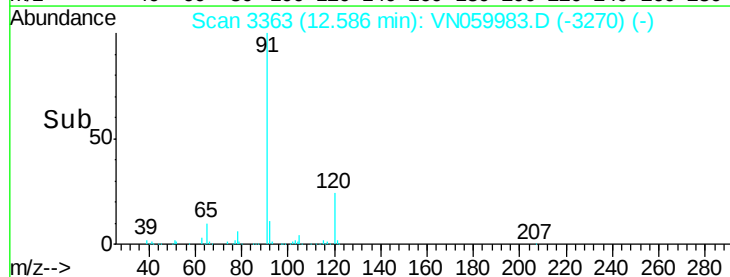
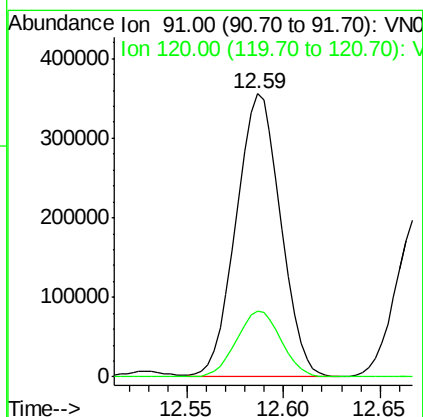
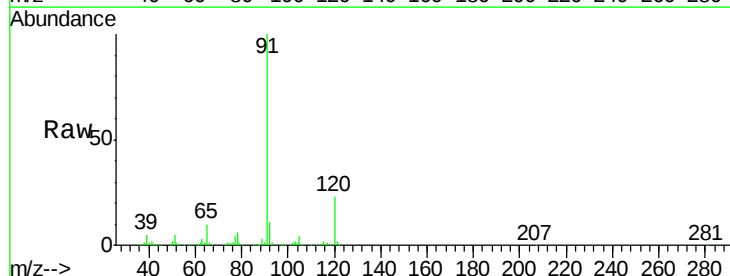
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Tgt Ion:	91	Resp:	569858
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.1	33.3





#79

2-Chlorotoluene

Concen: 48.596 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059983.D

Acq: 3 Feb 2020 18:27

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 339046

Ion Ratio Lower Upper

91 100

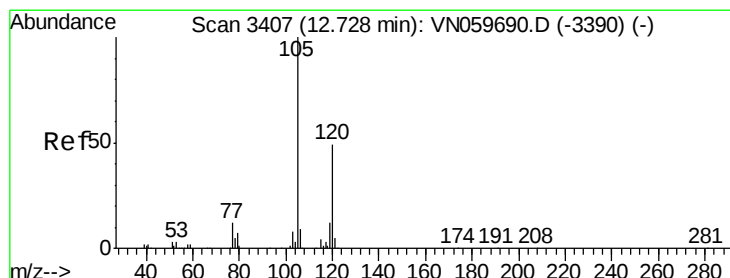
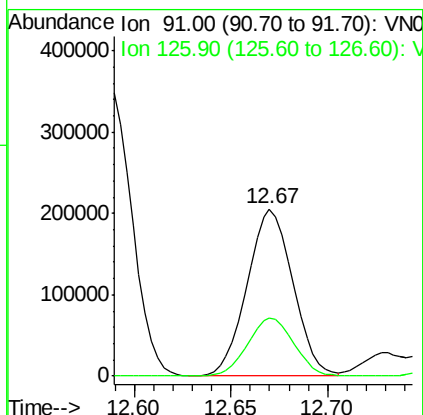
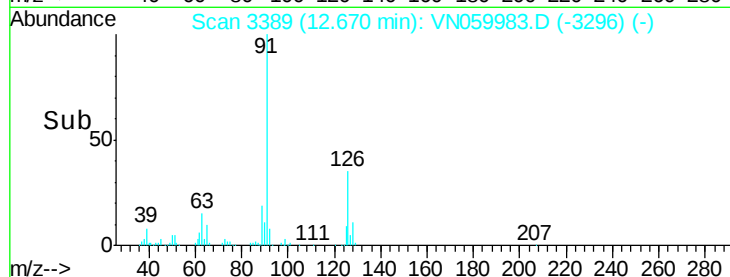
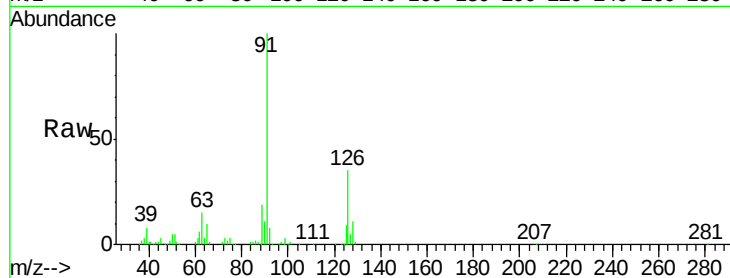
126 34.9 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 47.753 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059983.D

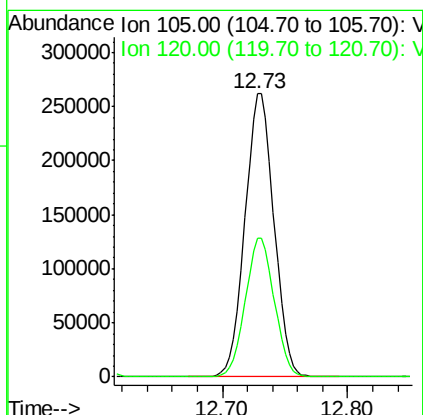
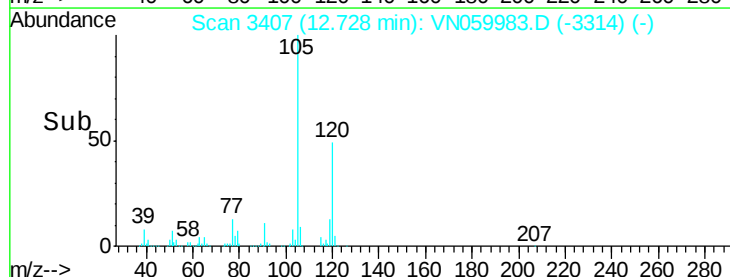
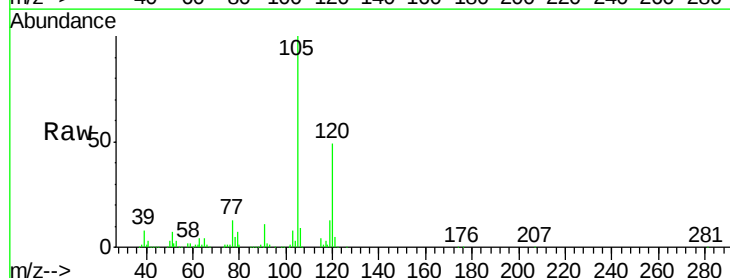
Acq: 3 Feb 2020 18:27

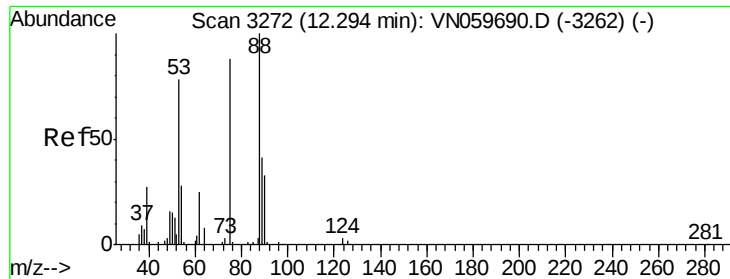
Tgt Ion: 105 Resp: 419630

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





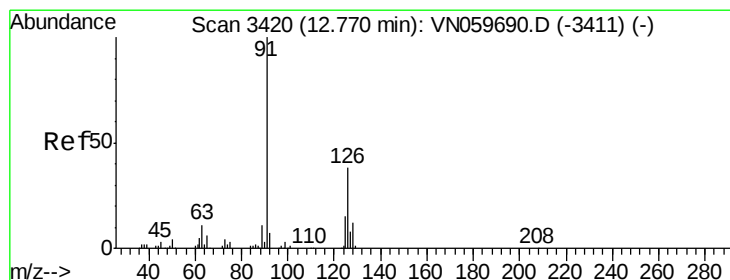
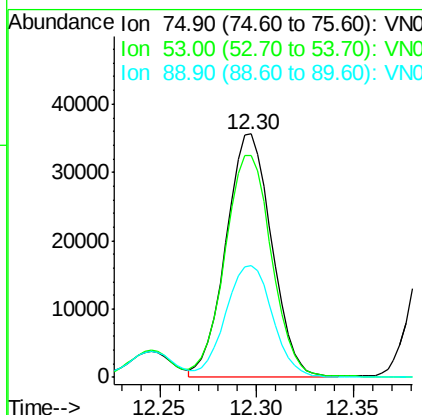
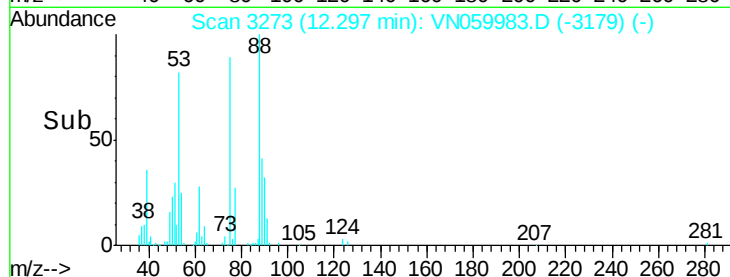
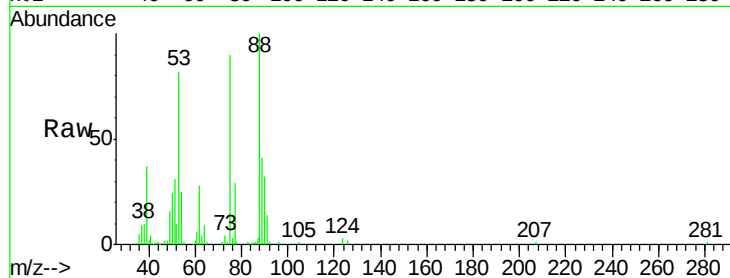
#81
trans-1,4-Dichloro-2-butene
Concen: 52.610 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	78.1	117.1
89	47.3	35.4	53.2

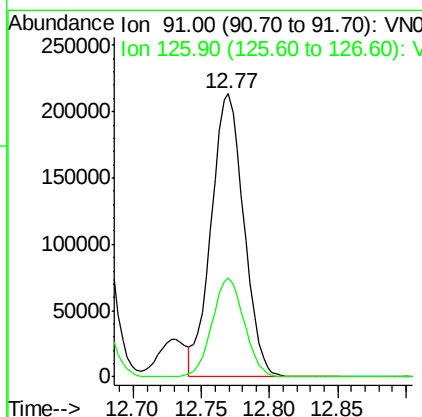
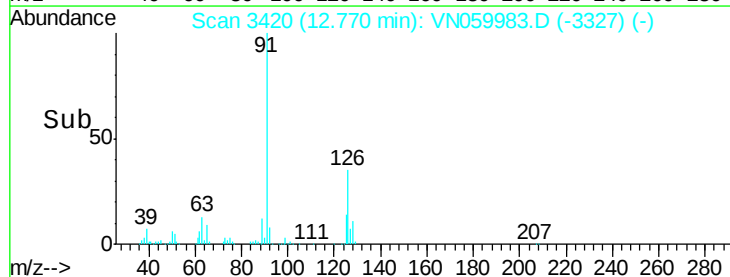
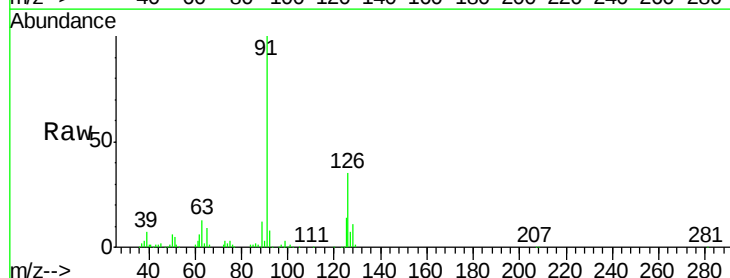
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#82
4-Chlorotoluene
Concen: 50.370 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.3	48.8





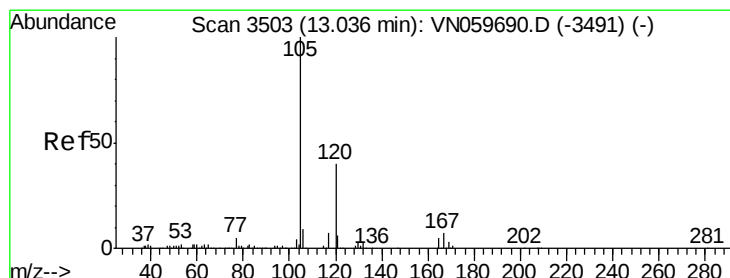
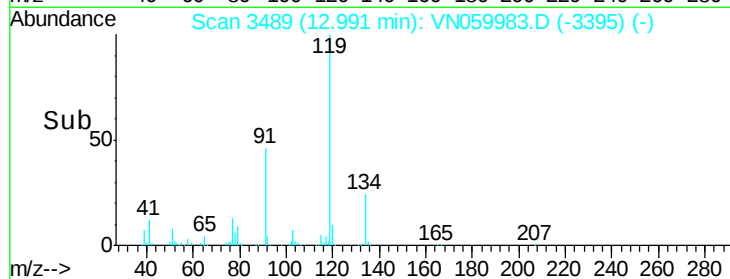
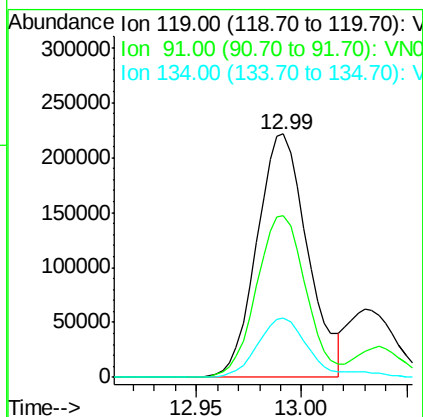
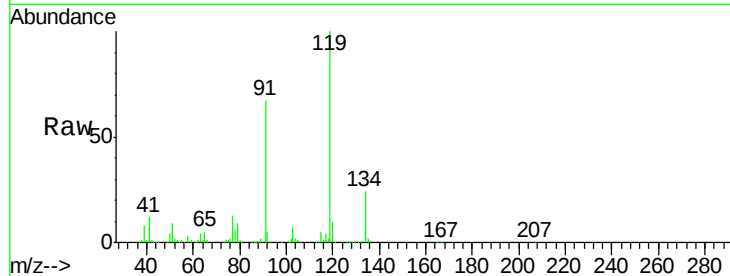
#83
tert-Butylbenzene
Concen: 48.821 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	34.8	104.4
134	25.3	12.3	36.9

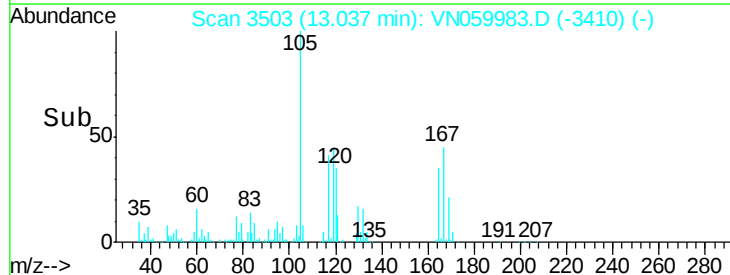
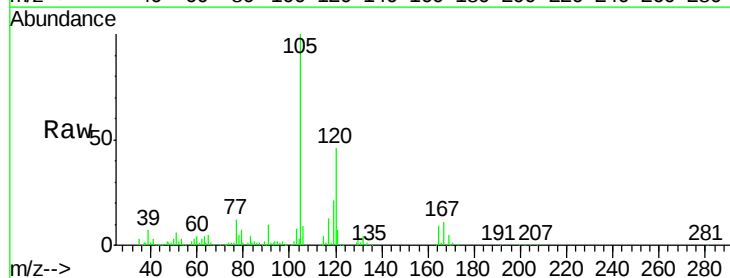
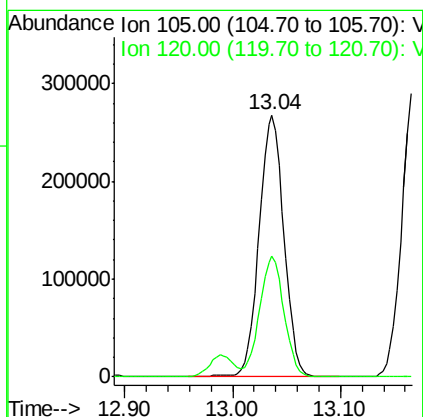
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#84
1,2,4-Trimethylbenzene
Concen: 49.006 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9





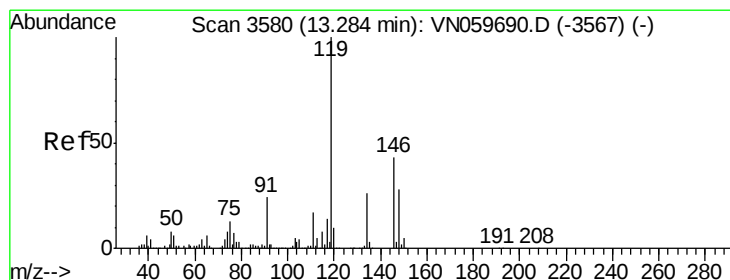
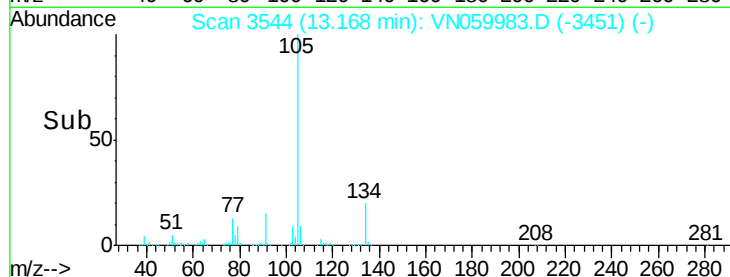
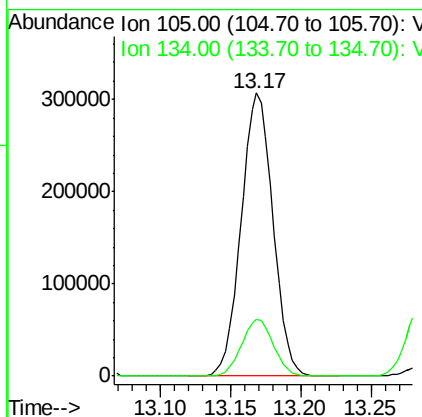
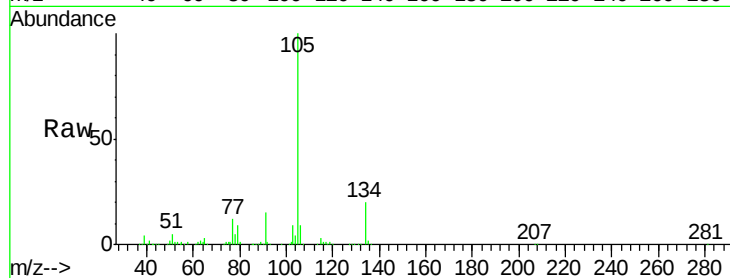
#85
 sec-Butylbenzene
 Concen: 48.464 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	483923		
134	20.1	9.8	29.5	

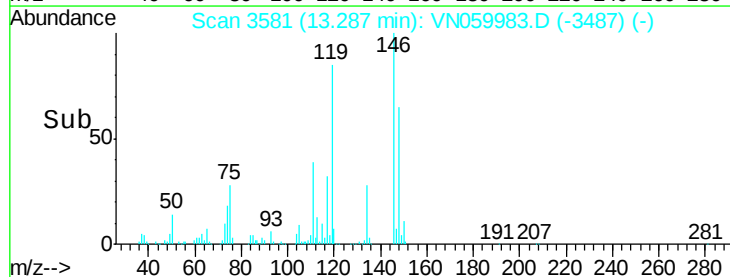
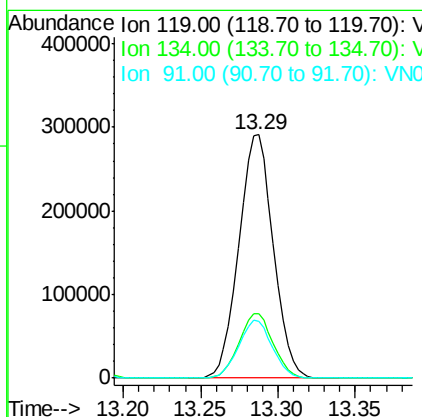
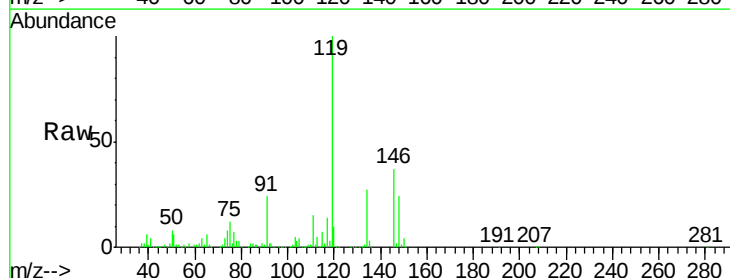
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#86
 p-Isopropyltoluene
 Concen: 48.451 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	447653		
134	26.4	12.9	38.7	
91	23.5	12.4	37.4	





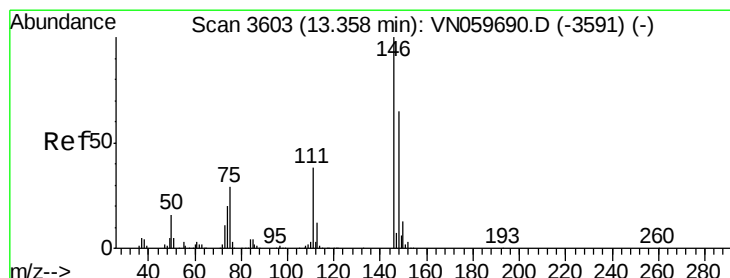
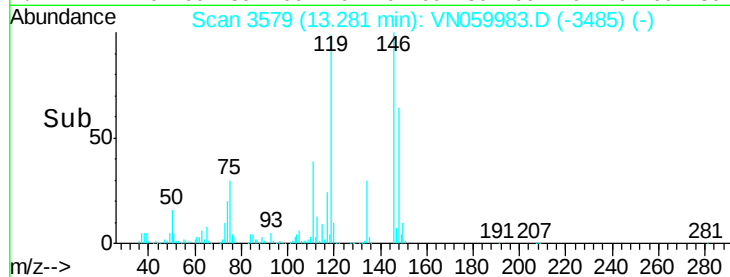
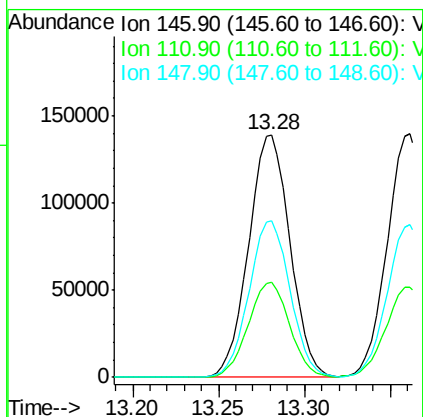
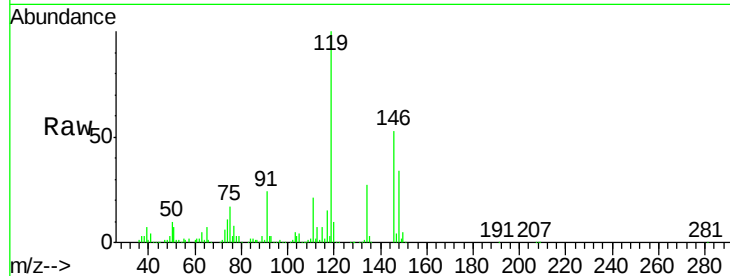
#87
 1,3-Dichlorobenzene
 Concen: 50.432 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.2
148	64.3	32.0	96.0

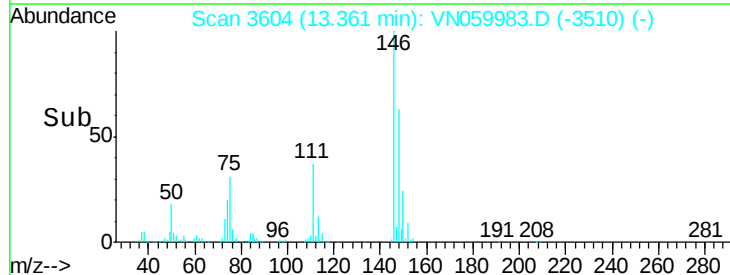
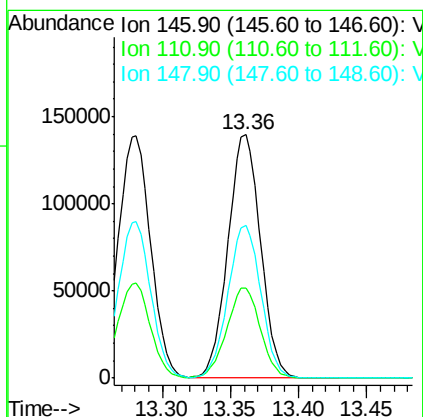
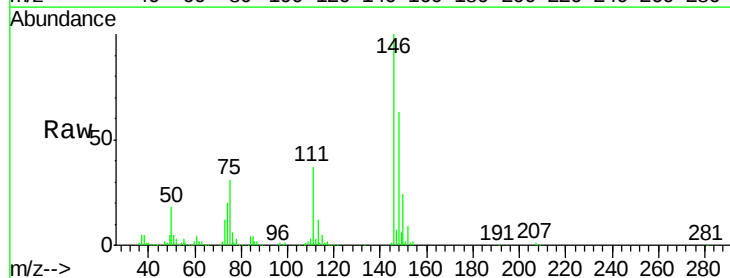
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#88
 1,4-Dichlorobenzene
 Concen: 50.702 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.8	62.2
148	63.3	31.8	95.4





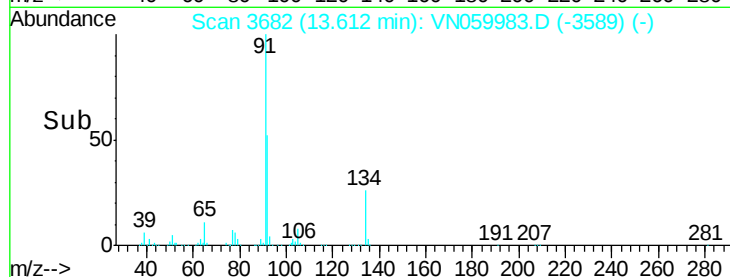
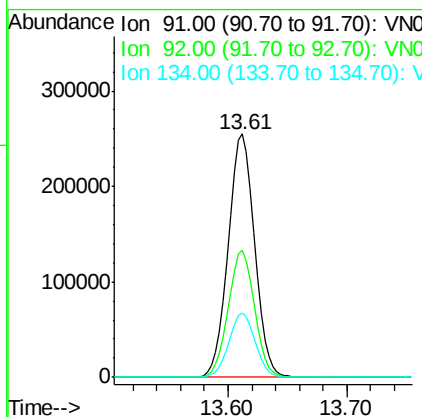
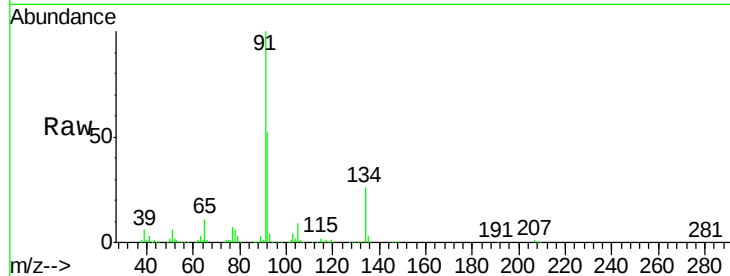
#89
n-Butylbenzene
Concen: 49.681 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.7
134	26.5	12.3	36.8

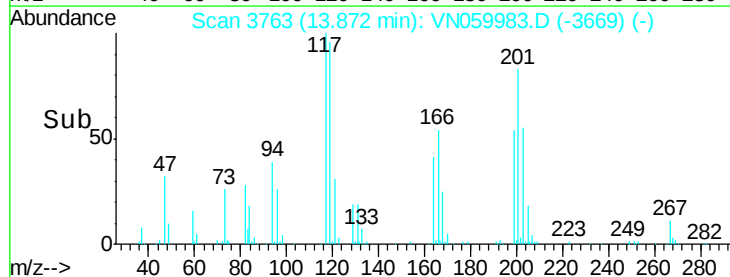
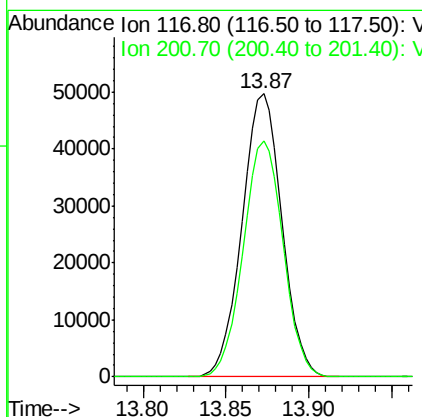
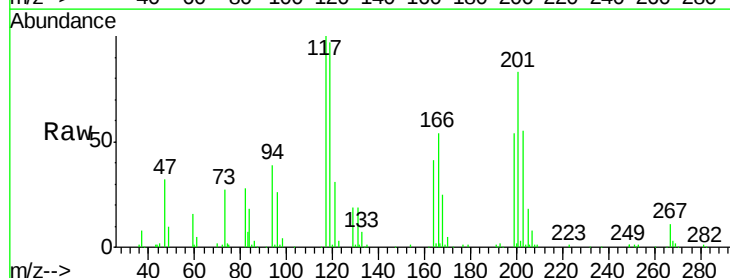
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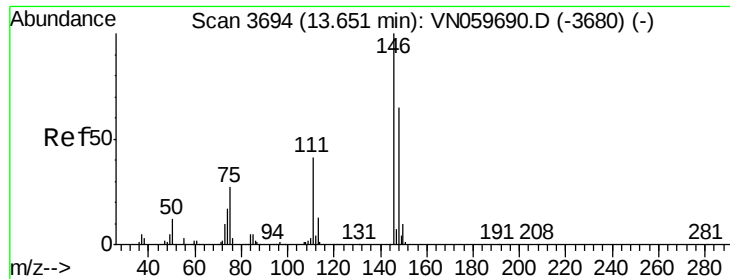
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#90
Hexachloroethane
Concen: 48.263 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	37.8	113.4





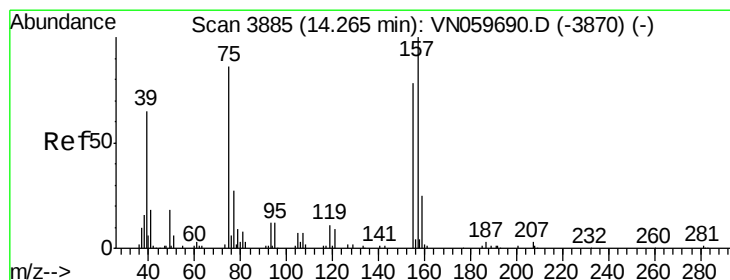
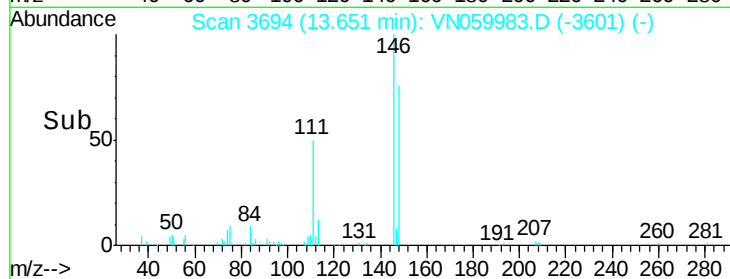
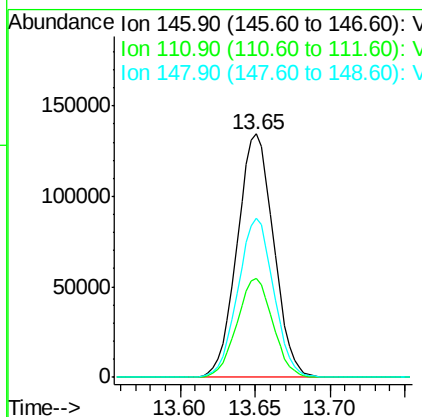
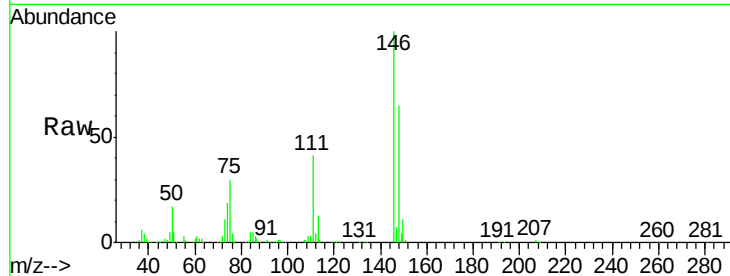
#91
 1,2-Dichlorobenzene
 Concen: 50.136 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.6	64.8
148	64.4	31.6	95.0

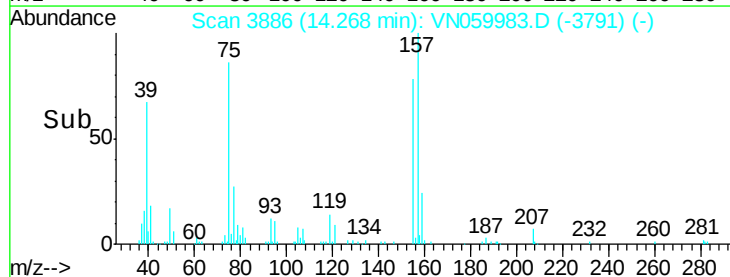
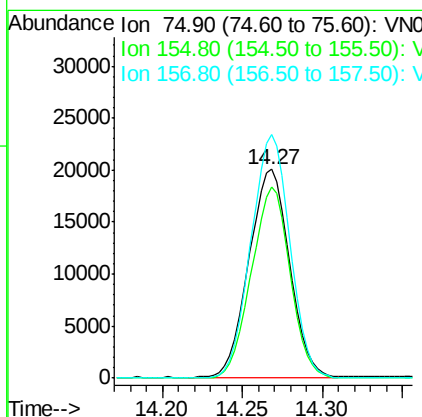
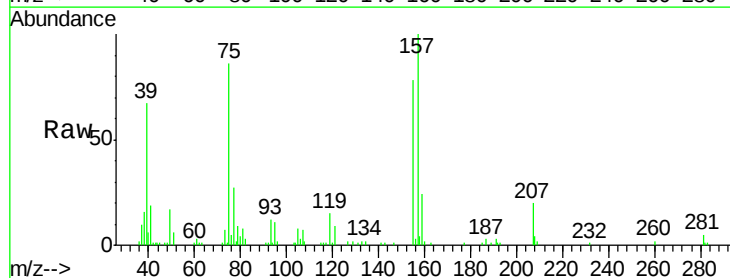
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.485 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	37.0	110.9
157	110.5	48.4	145.2





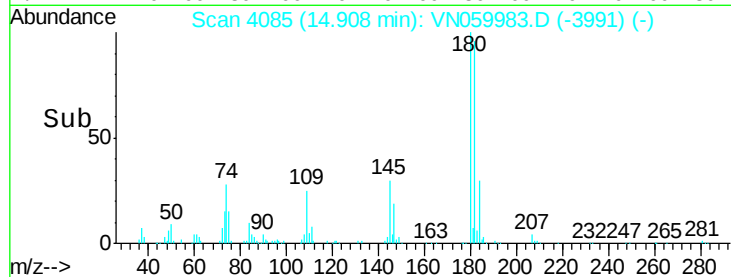
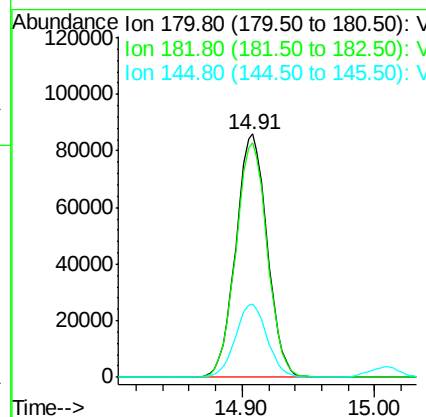
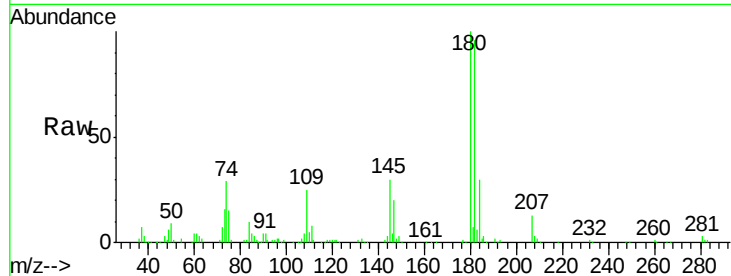
#93
 1,2,4-Trichlorobenzene
 Concen: 51.759 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	141322
Ion Ratio	Lower	Upper	
180	100		
182	96.6	46.9	140.7
145	30.5	15.0	45.1

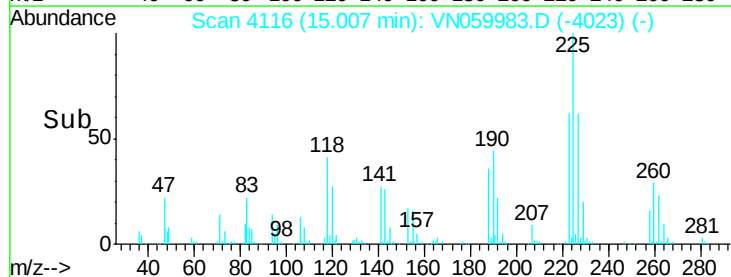
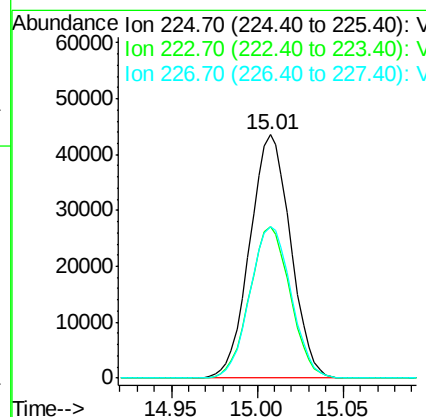
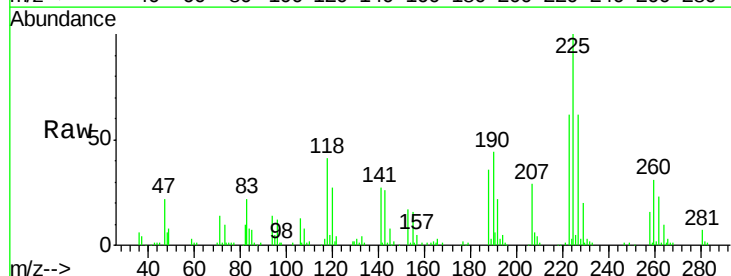
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#94
 Hexachlorobutadiene
 Concen: 47.529 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059983.D
 Acq: 3 Feb 2020 18:27

Tgt Ion:	225	Resp:	71513
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.8	95.3
227	63.2	32.1	96.5





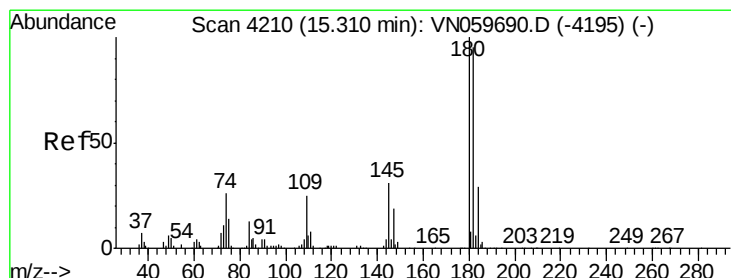
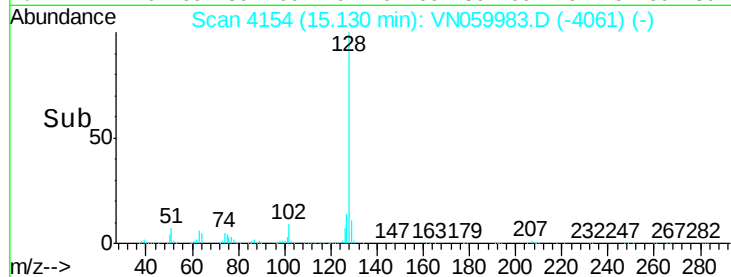
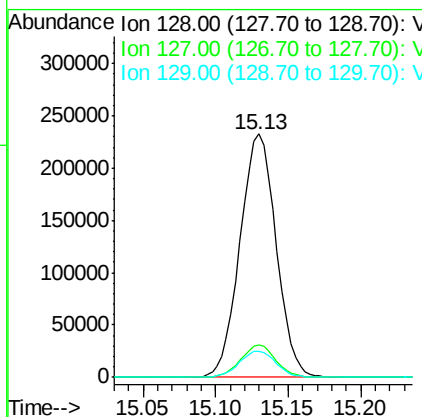
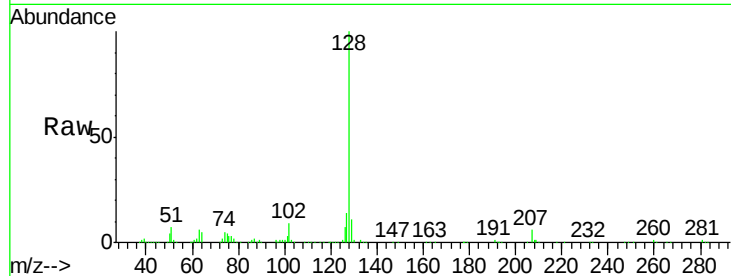
#95
Naphthalene
Concen: 52.156 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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

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#96
1,2,3-Trichlorobenzene
Concen: 51.713 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059983.D
Acq: 3 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	31.9	16.3	48.9

