

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011520\
 Data File : VN059719.D
 Acq On : 15 Jan 2020 17:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 10:57:02 AM

Quant Time: Jan 16 04:19:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	301056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106226	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.56	113	91376	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.08	98	350731	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	126702	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123391	53.161	ug/l	98
3) Chloromethane	2.04	50	112390	49.834	ug/l	99
4) Vinyl Chloride	2.17	62	136823	53.023	ug/l	97
5) Bromomethane	2.54	94	85502	54.295	ug/l	98
6) Chloroethane	2.68	64	64474	52.812	ug/l	100
7) Trichlorofluoromethane	3.00	101	167303	53.987	ug/l	98
8) Diethyl Ether	3.38	74	57910	53.248	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.73	101	95001	55.081	ug/l	91
10) Methyl Iodide	3.93	142	147411	52.875	ug/l	95
11) Tert butyl alcohol	4.72	59	78592	213.406	ug/l #	85
12) 1,1-Dichloroethene	3.71	96	94147	52.239	ug/l	87
13) Acrolein	3.57	56	56700	217.496	ug/l	99
14) Allyl chloride	4.29	41	125257	51.563	ug/l #	86
15) Acrylonitrile	4.94	53	205744	244.915	ug/l	99
16) Acetone	3.78	43	164403	219.102	ug/l	96
17) Carbon Disulfide	4.03	76	261666	50.967	ug/l	99
18) Methyl Acetate	4.28	43	119051	46.590	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	304202	51.769	ug/l	95
20) Methylene Chloride	4.52	84	102193	51.676	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	101162	52.805	ug/l	88
22) Diisopropyl ether	5.91	45	287112	52.154	ug/l #	96
23) Vinyl Acetate	5.85	43	1105345	259.333	ug/l	95
24) 1,1-Dichloroethane	5.82	63	174910	51.999	ug/l	97
25) 2-Butanone	6.79	43	259371	209.366	ug/l	93
26) 2,2-Dichloropropane	6.79	77	166530	51.496	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	116921	53.062	ug/l	88
28) Bromochloromethane	7.16	49	63793	47.450	ug/l #	72
29) Tetrahydrofuran	7.18	42	172844	225.500	ug/l	88
30) Chloroform	7.34	83	185567	53.244	ug/l	98
31) Cyclohexane	7.63	56	156465	48.340	ug/l	89
32) 1,1,1-Trichloroethane	7.54	97	170903	53.035	ug/l	95
36) 1,1-Dichloropropene	7.77	75	139628	53.258	ug/l	96
37) Ethyl Acetate	6.89	43	113346	46.096	ug/l	96
38) Carbon Tetrachloride	7.75	117	154980	54.343	ug/l	98

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	174679	54.036	ug/l	91
40) Benzene	8.02	78	411173	52.587	ug/l	99
41) Methacrylonitrile	7.14	41	53987m	44.574	ug/l	
42) 1,2-Dichloroethane	8.10	62	138989	52.429	ug/l	96
43) Isopropyl Acetate	8.14	43	205438	48.573	ug/l #	95
44) Trichloroethene	8.81	130	119025	55.763	ug/l	92
45) 1,2-Dichloropropane	9.10	63	103112	53.294	ug/l	100
46) Dibromomethane	9.19	93	71485	52.377	ug/l #	88
47) Bromodichloromethane	9.38	83	150059	54.561	ug/l	98
48) Methyl methacrylate	9.18	41	91463	48.346	ug/l	89
49) 1,4-Dioxane	9.18	88	31164	899.847	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	573744	234.668	ug/l	94
52) Toluene	10.14	92	266963	54.055	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	165903	54.023	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	179655	55.600	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	103589	52.959	ug/l	97
56) Ethyl methacrylate	10.42	69	155680	52.087	ug/l	90
57) 1,3-Dichloropropane	10.70	76	167842	54.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	270923	300.944	ug/l	91
59) 2-Hexanone	10.74	43	411275	228.336	ug/l	94
60) Dibromochloromethane	10.89	129	122252	54.884	ug/l	99
61) 1,2-Dibromoethane	10.99	107	109988	53.649	ug/l	100
64) Tetrachloroethene	10.62	164	109618	49.324	ug/l	95
65) Chlorobenzene	11.43	112	291891	54.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	113059	54.592	ug/l	98
67) Ethyl Benzene	11.50	91	525036	53.962	ug/l	96
68) m/p-Xylenes	11.61	106	404102	109.951	ug/l	92
69) o-Xylene	11.94	106	193579	53.800	ug/l	94
70) Styrene	11.96	104	329919	54.795	ug/l	96
71) Bromoform	12.12	173	90033	54.273	ug/l #	97
73) Isopropylbenzene	12.24	105	524393	53.278	ug/l	99
74) N-amyl acetate	12.06	43	185816	48.653	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	143886	50.427	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	135131m	59.831	ug/l	
77) Bromobenzene	12.52	156	133161	53.424	ug/l	80
78) n-propylbenzene	12.59	91	594126	53.780	ug/l	97
79) 2-Chlorotoluene	12.67	91	341765	52.003	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	439951	53.150	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	52002	49.445	ug/l	94
82) 4-Chlorotoluene	12.77	91	354551	53.786	ug/l	96
83) tert-Butylbenzene	12.99	119	378711	52.899	ug/l	94
84) 1,2,4-Trimethylbenzene	13.03	105	439483	53.666	ug/l	98
85) sec-Butylbenzene	13.17	105	505984	53.794	ug/l	99
86) p-Isopropyltoluene	13.28	119	473159	54.365	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	237066	54.754	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	234823	54.366	ug/l	96
89) n-Butylbenzene	13.61	91	410897	55.371	ug/l	98
90) Hexachloroethane	13.87	117	88032	54.061	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	229460	53.608	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29204	47.584	ug/l	81

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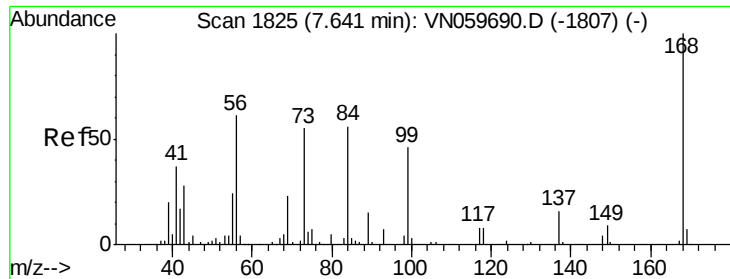
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	142486	55.399	ug/l	99
94) Hexachlorobutadiene	15.01	225	75922	53.567	ug/l	99
95) Naphthalene	15.13	128	367730	50.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	131972	52.716	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 196990

Ion Ratio Lower Upper

168 100

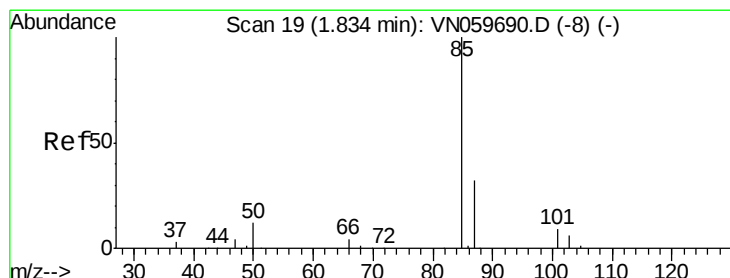
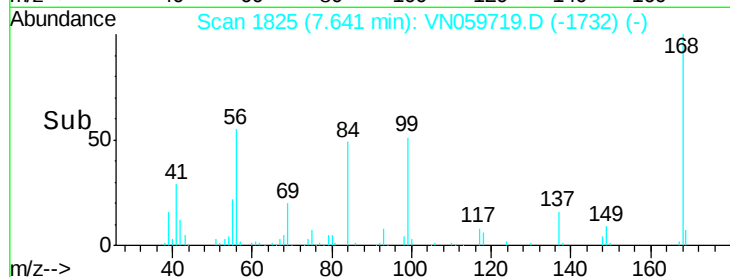
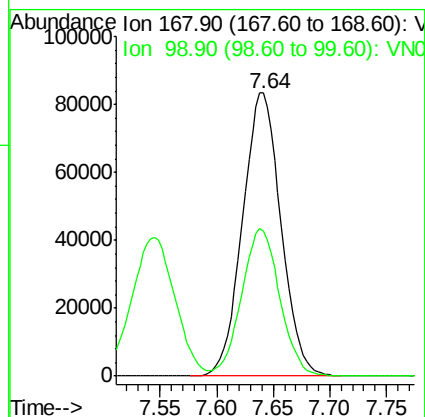
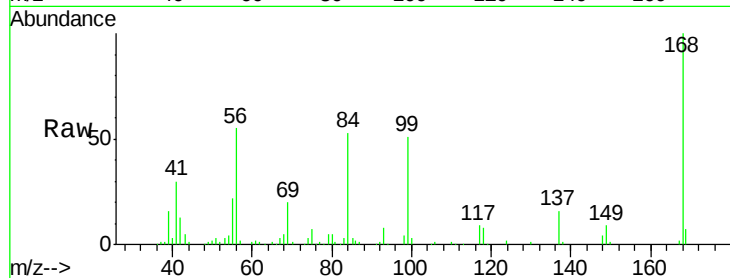
99 51.4 48.2 72.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 53.161 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059719.D

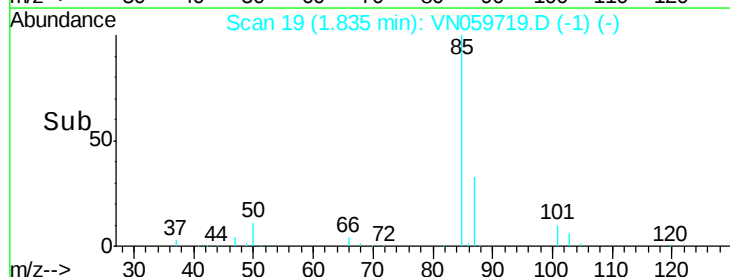
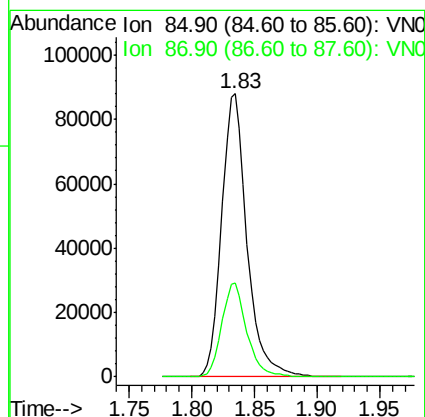
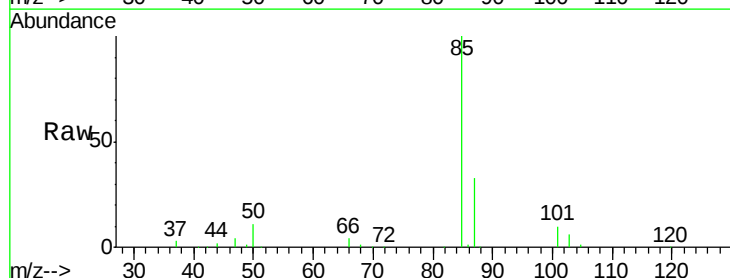
Acq: 15 Jan 2020 17:15

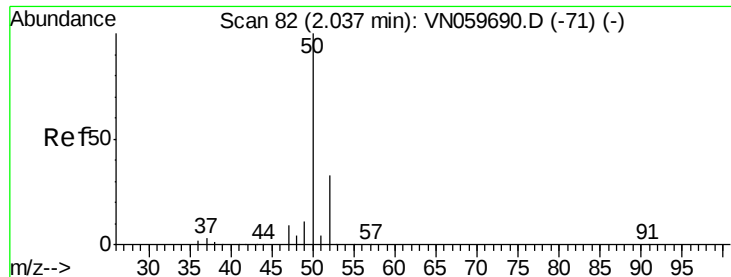
Tgt Ion: 85 Resp: 123391

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7





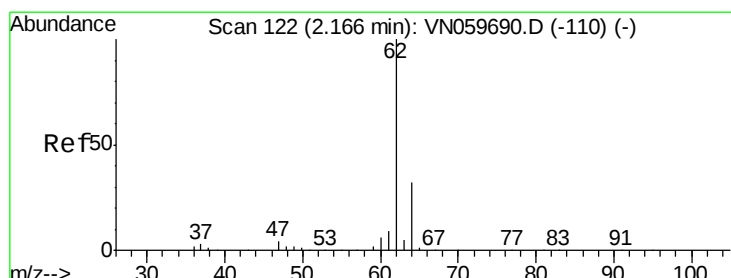
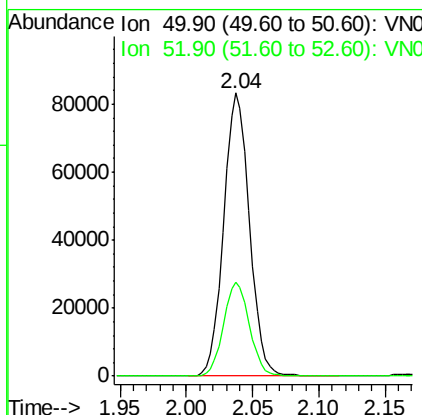
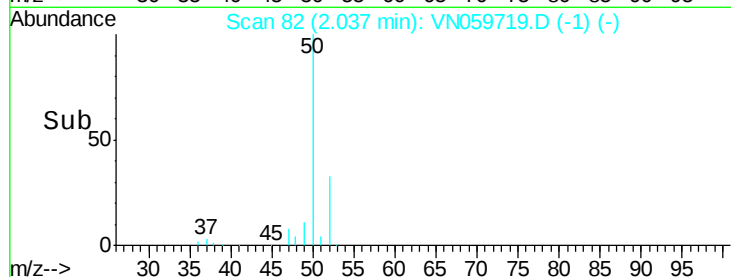
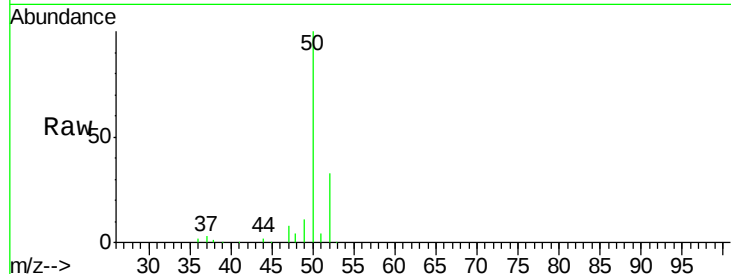
#3
Chloromethane
Concen: 49.834 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.9	38.9

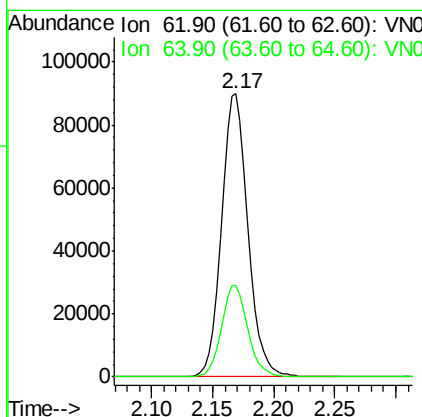
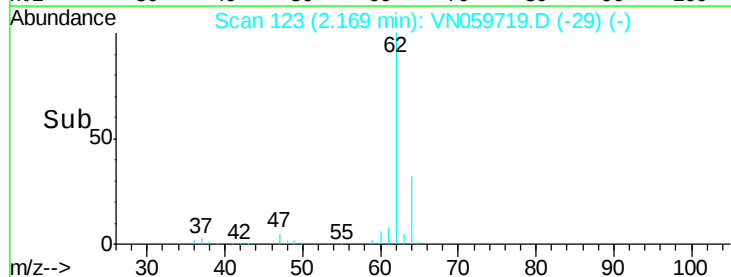
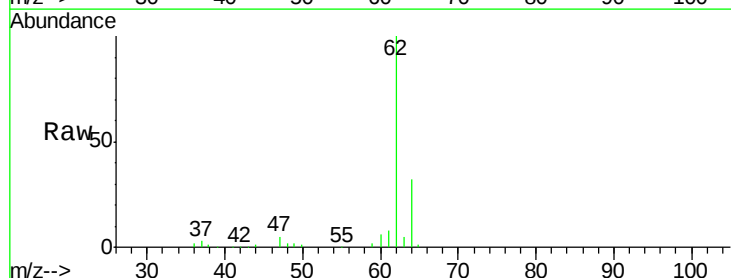
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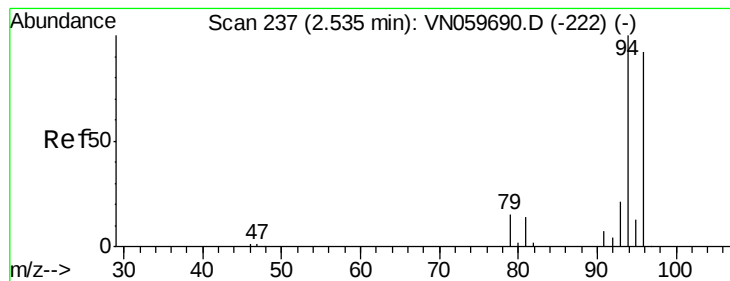
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#4
Vinyl Chloride
Concen: 53.023 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.6	37.0





#5

Bromomethane

Concen: 54.295 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 85502

Ion Ratio Lower Upper

94 100

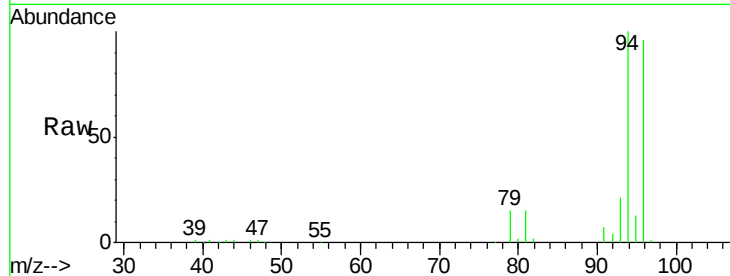
96 95.6 74.7 112.1

Manual Integrations

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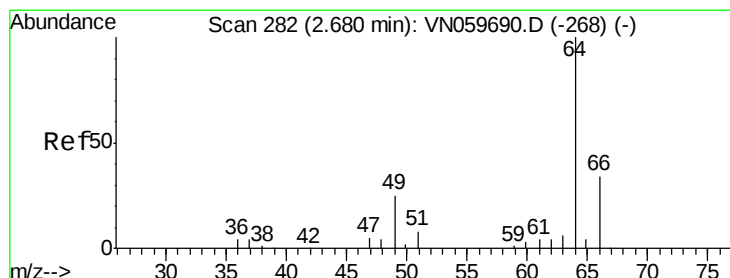
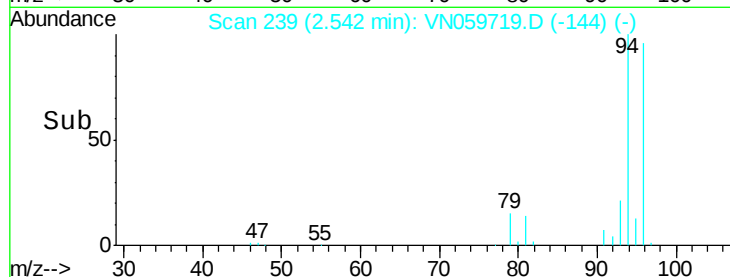
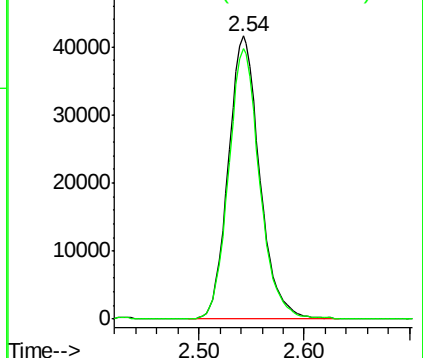
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 52.812 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059719.D

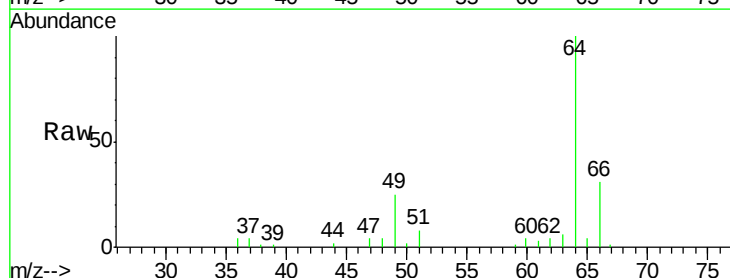
Acq: 15 Jan 2020 17:15

Tgt Ion: 64 Resp: 64474

Ion Ratio Lower Upper

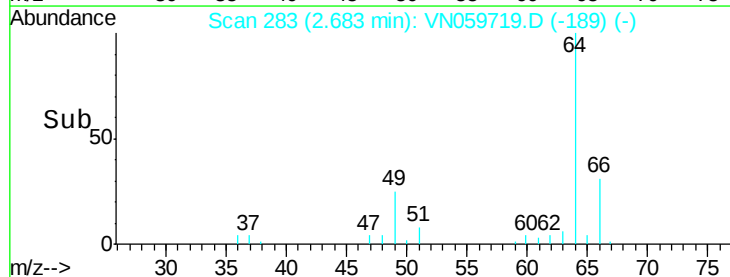
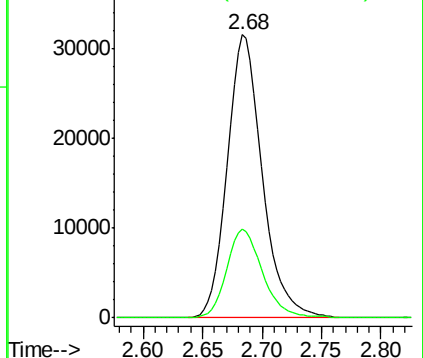
64 100

66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

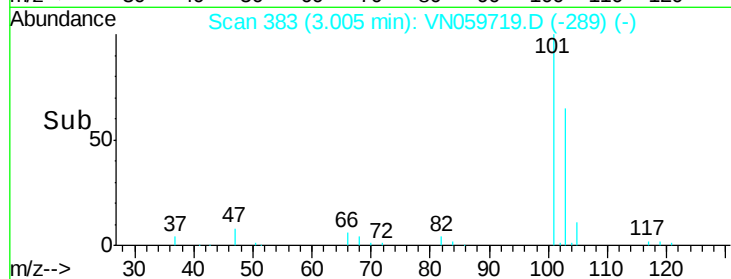
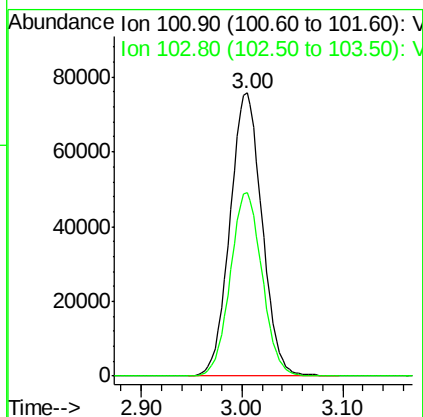
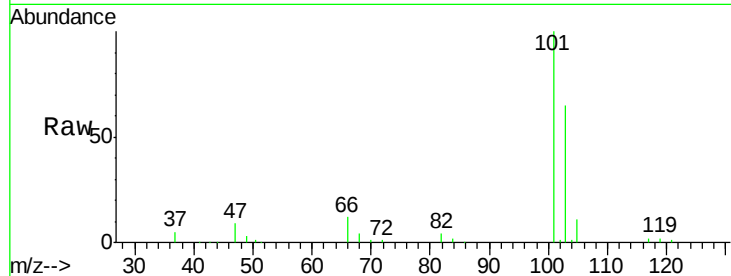
Trichlorofluoromethane
Concen: 53.987 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 167303
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.6

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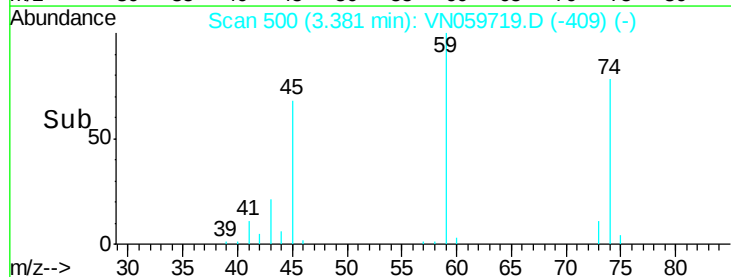
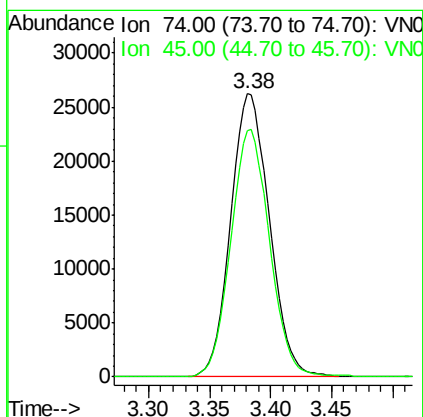
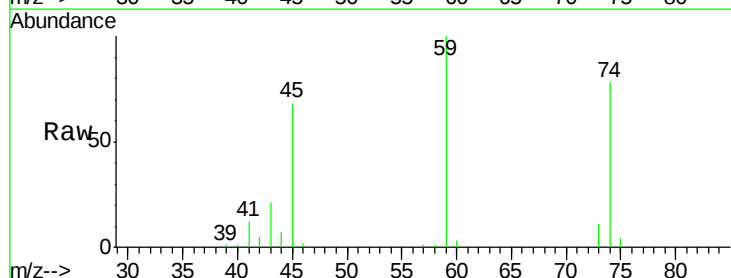
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#8

Diethyl Ether
Concen: 53.248 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.01 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion: 74 Resp: 57910
Ion Ratio Lower Upper
74 100
45 87.5 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.081 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

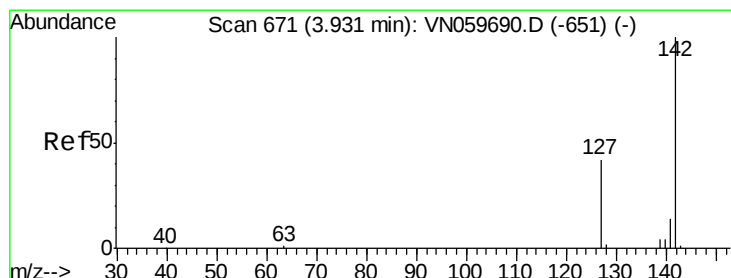
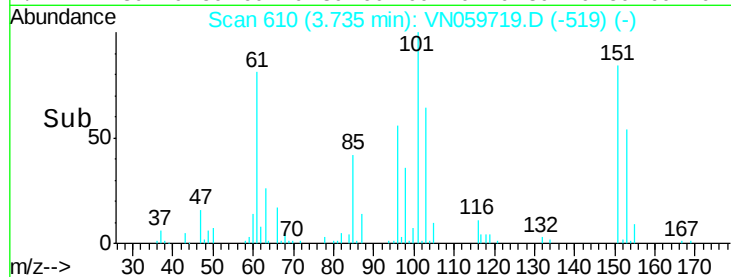
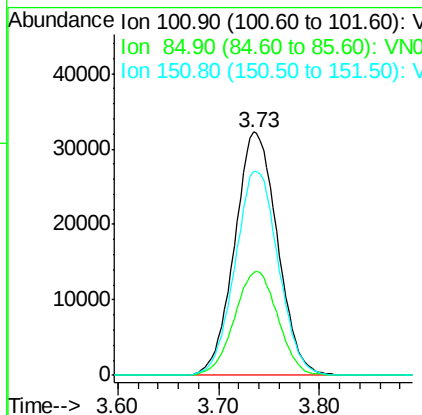
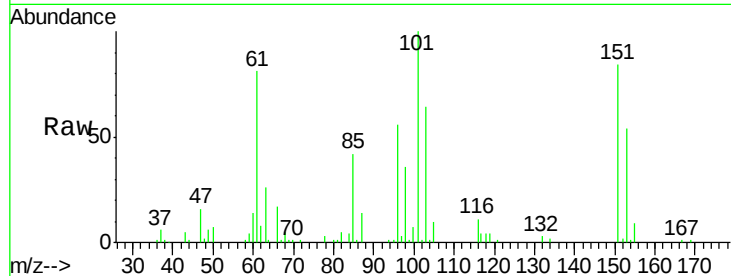
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	95001
Ion Ratio	Lower	Upper	
101	100		
85	43.1	36.6	54.8
151	84.8	59.7	89.5

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1/16/2020 10:57:02 AM



#10

Methyl Iodide

Concen: 52.875 ug/l

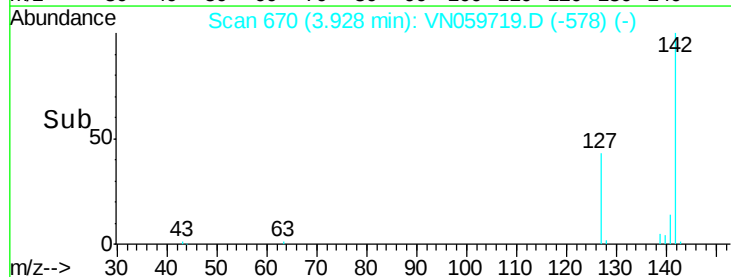
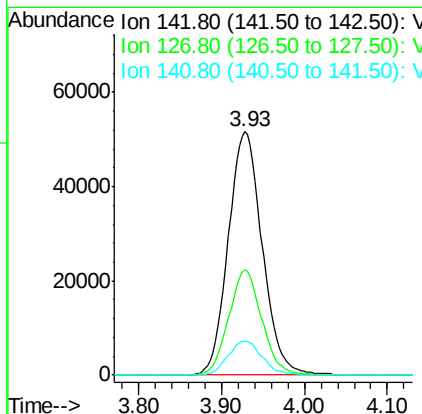
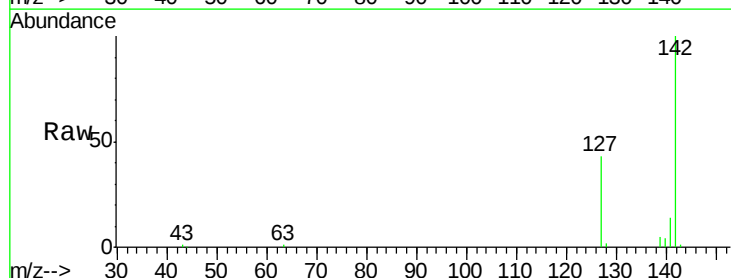
RT: 3.93 min Scan# 670

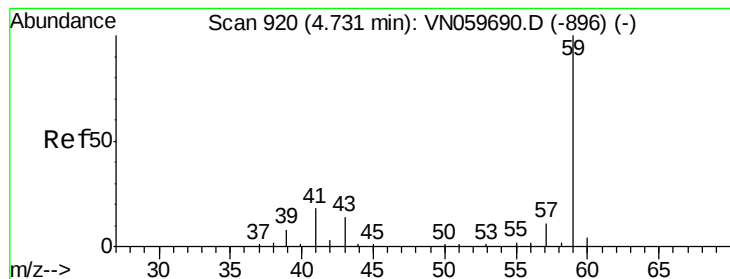
Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion:	142	Resp:	147411
Ion Ratio	Lower	Upper	
142	100		
127	42.0	36.7	55.1
141	14.1	11.7	17.5





#11

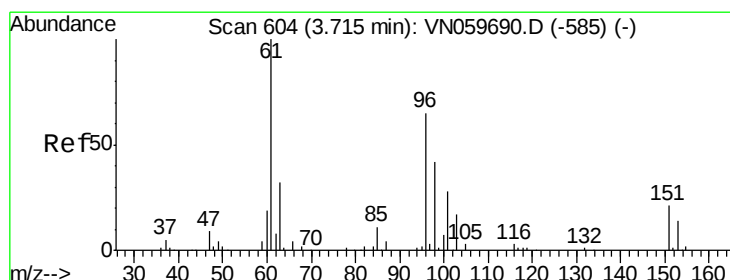
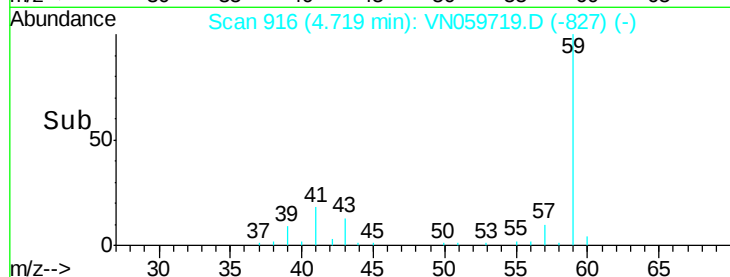
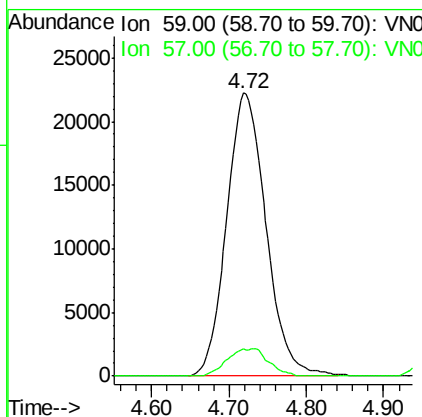
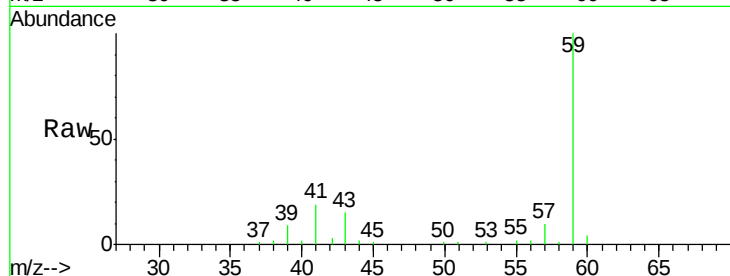
Tert butyl alcohol
Concen: 213.406 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.6	12.8#

Manual Integrations
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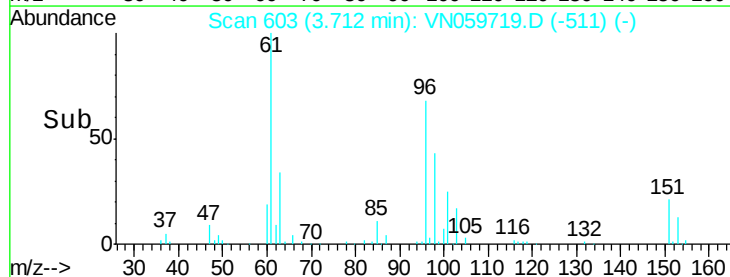
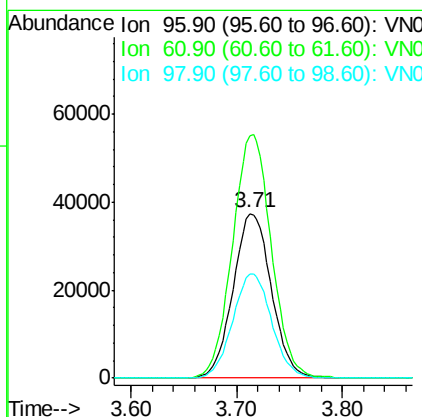
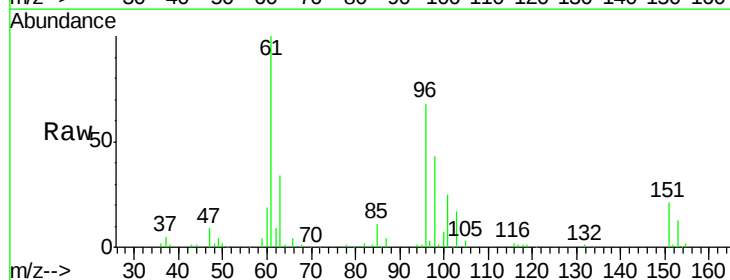
MMDadoda
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#12

1,1-Dichloroethene
Concen: 52.239 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.8	137.5	206.3
98	63.1	50.2	75.4





#13

Acrolein

Concen: 217.496 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 56700

Ion Ratio Lower Upper

56 100

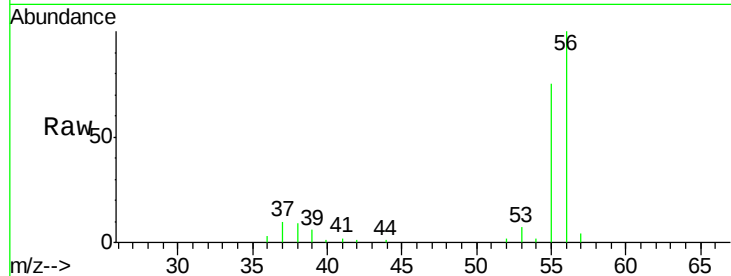
55 72.4 58.6 88.0

Manual Integrations

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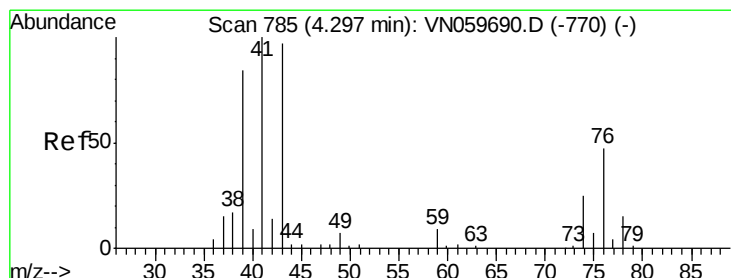
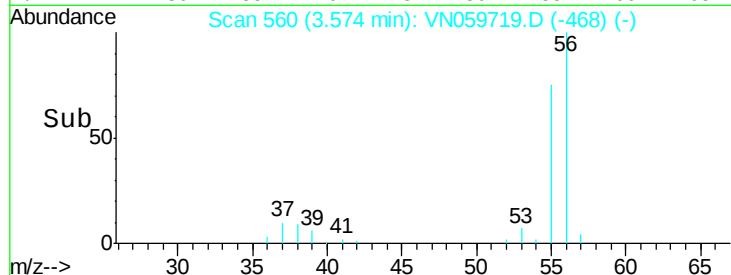
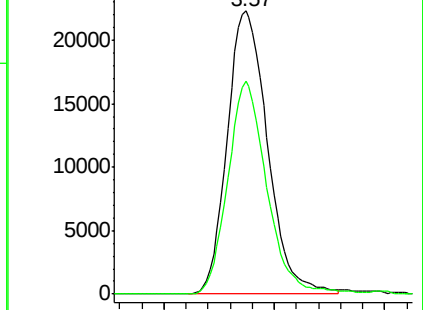
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Abundance Ion 56.00 (55.70 to 56.70): VN059719.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059719.D (-545) (-)



#14

Allyl chloride

Concen: 51.563 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

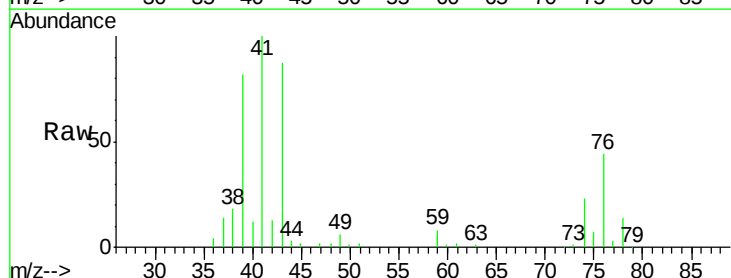
Tgt Ion: 41 Resp: 125257

Ion Ratio Lower Upper

41 100

39 80.2 57.8 86.8

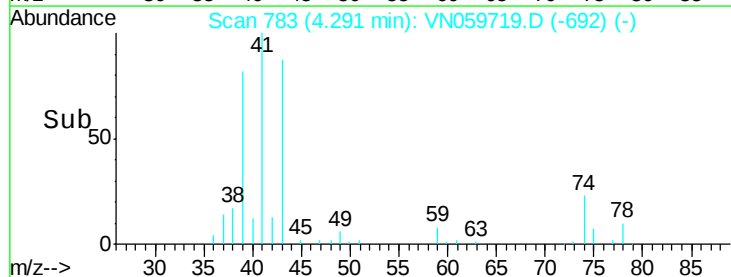
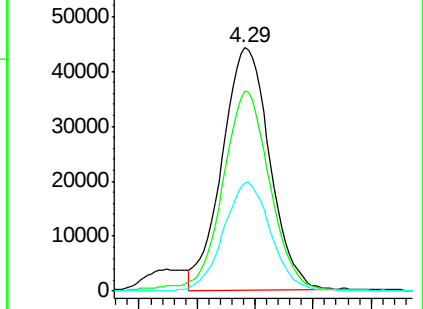
76 44.8 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059719.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059719.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059719.D (-692) (-)





#15

Acrylonitrile

Concen: 244.915 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

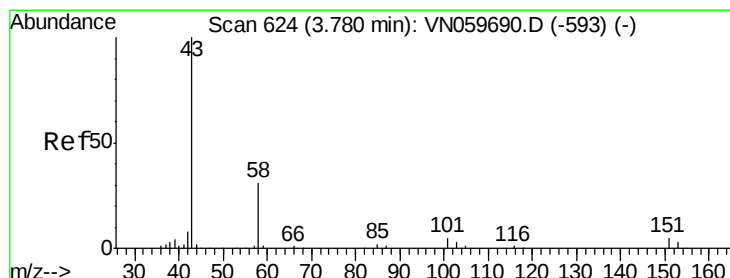
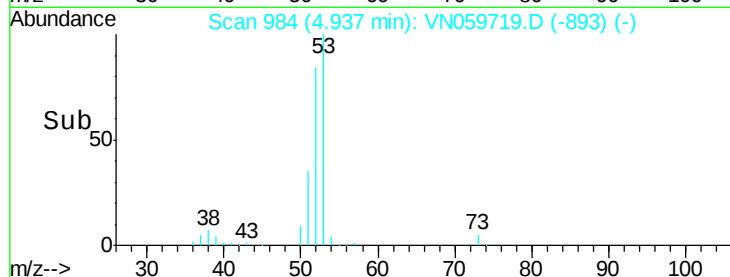
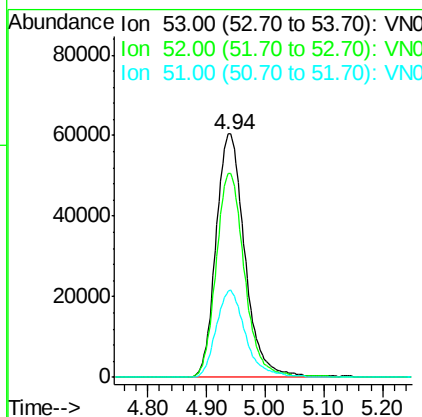
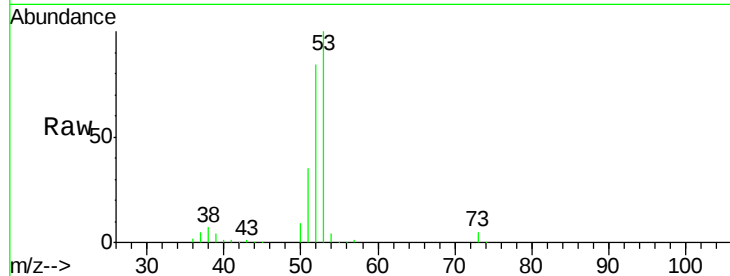
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	205744
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.3	99.5
51	36.6	29.7	44.5

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#16

Acetone

Concen: 219.102 ug/l

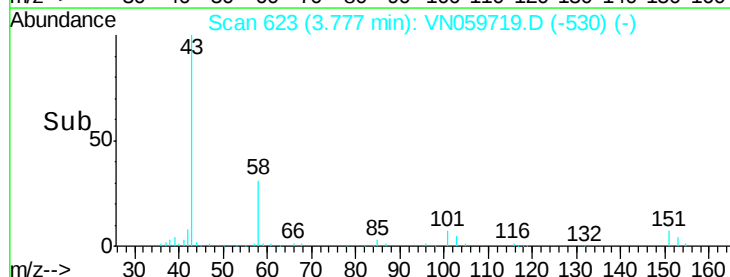
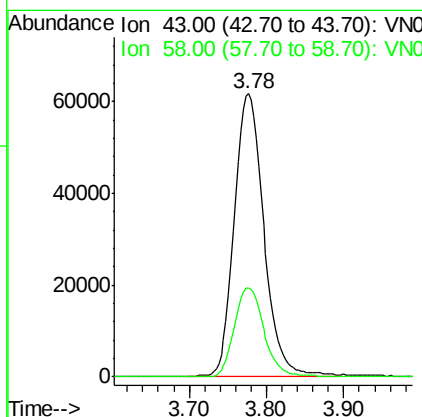
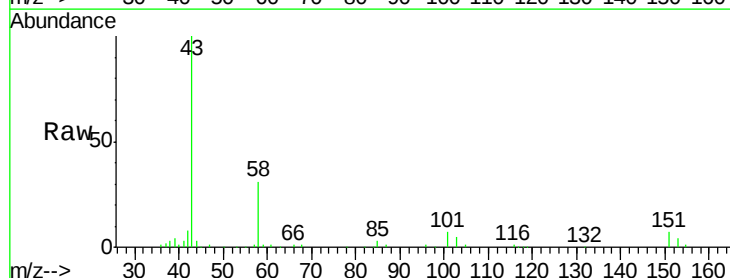
RT: 3.78 min Scan# 623

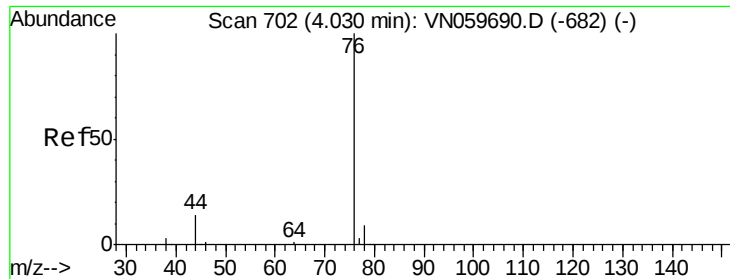
Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion:	43	Resp:	164403
Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.6	35.4





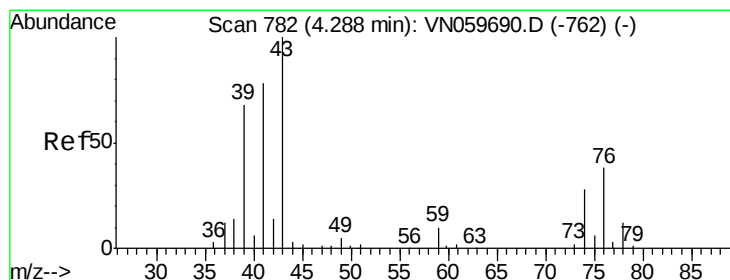
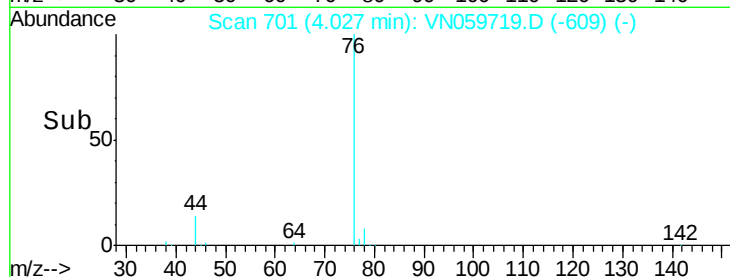
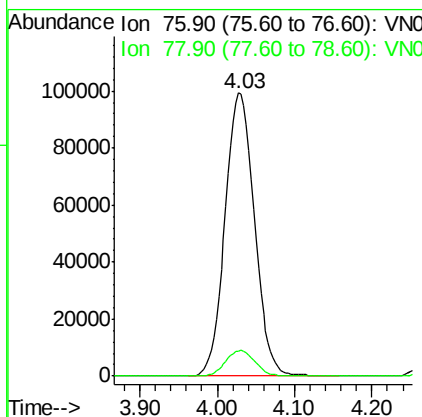
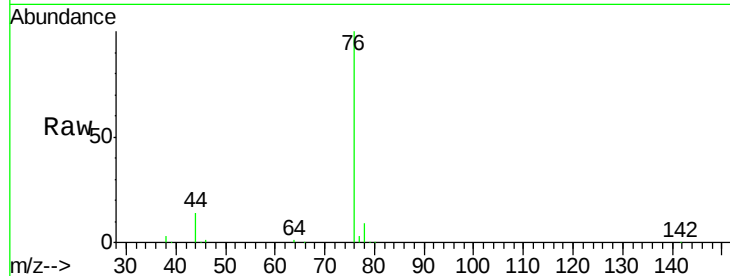
#17
Carbon Disulfide
Concen: 50.967 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

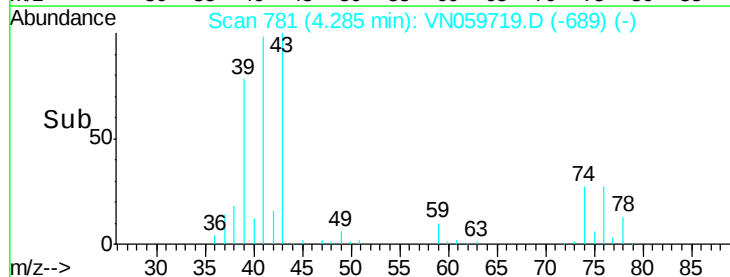
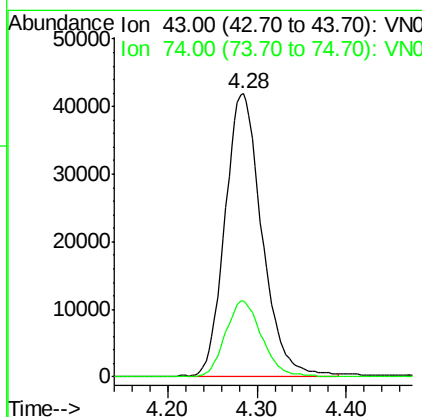
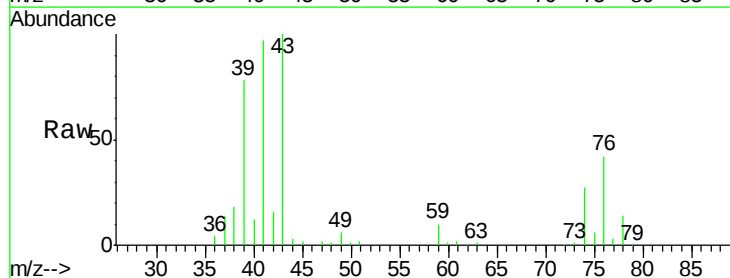
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#18
Methyl Acetate
Concen: 46.590 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	17.5	26.3#





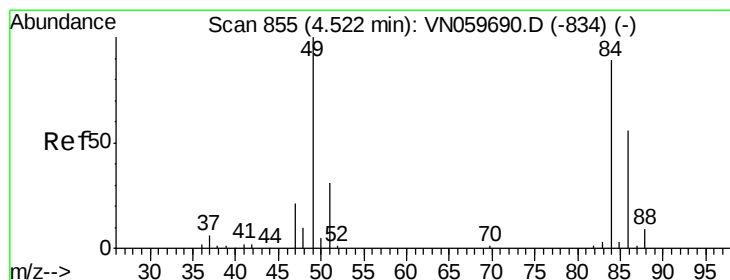
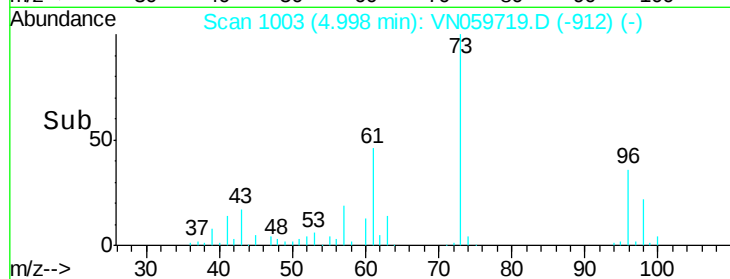
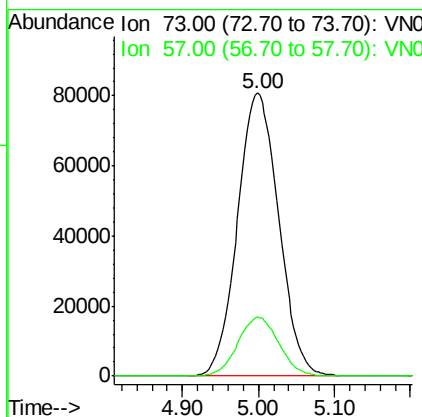
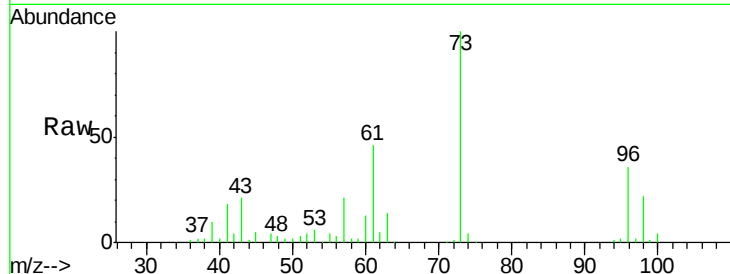
#19
Methvl tert-butvl Ether
Concen: 51.769 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 304202
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8

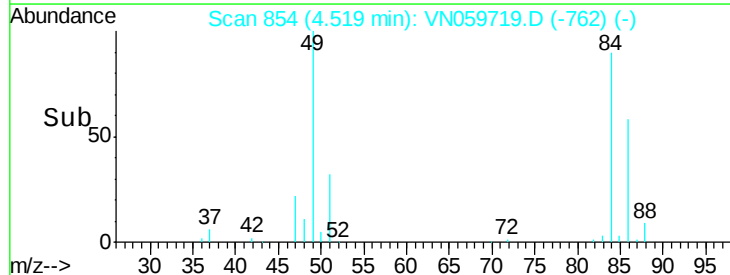
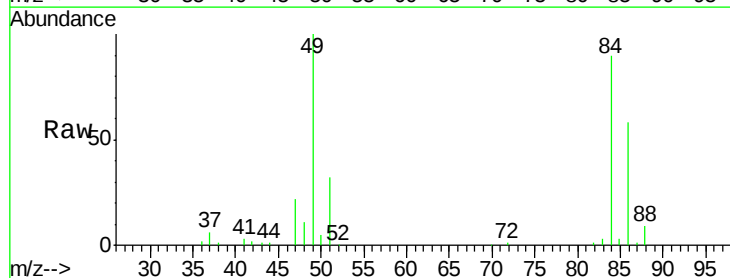
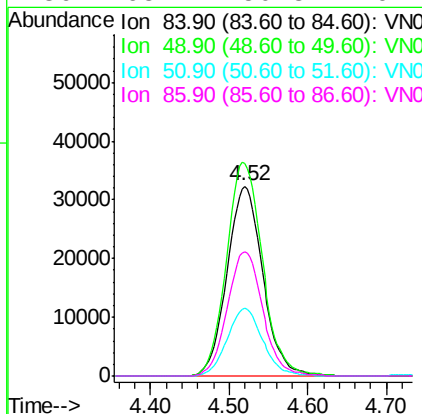
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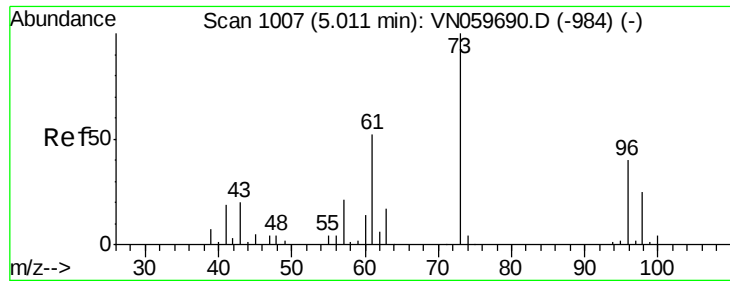
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#20
Methylene Chloride
Concen: 51.676 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion: 84 Resp: 102193
Ion Ratio Lower Upper
84 100
49 111.7 106.6 160.0
51 35.8 31.9 47.9
86 65.2 50.8 76.2





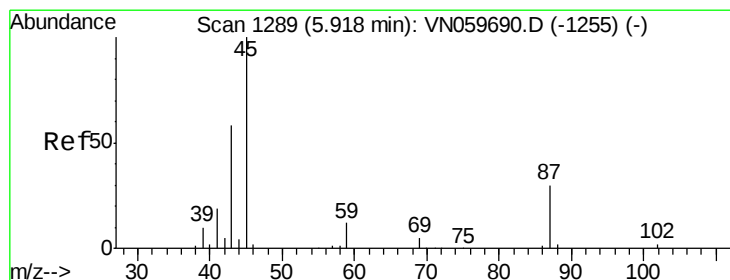
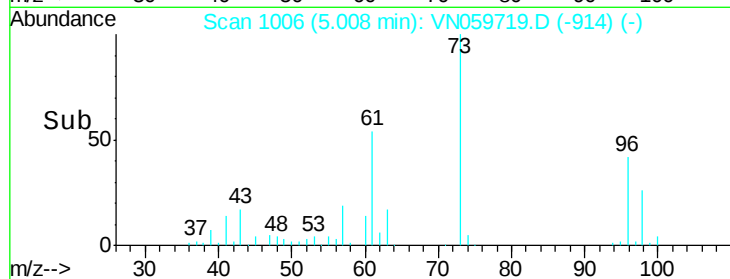
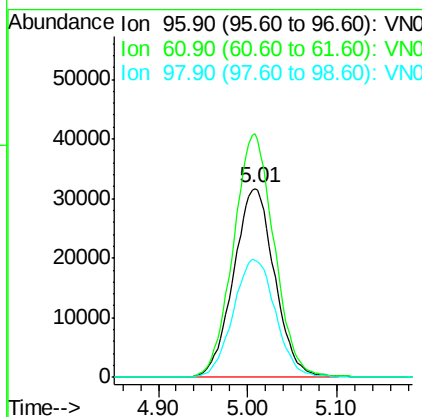
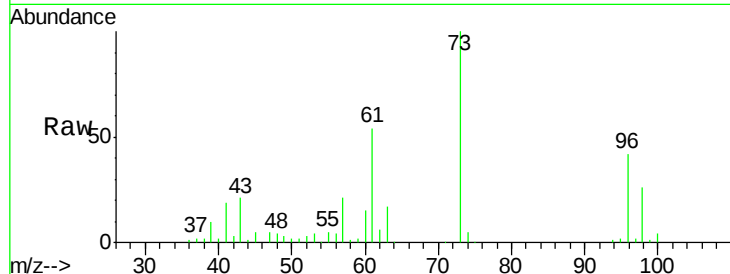
#21
trans-1,2-Dichloroethene
Concen: 52.805 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	120.4	180.6
98	62.2	50.6	75.8

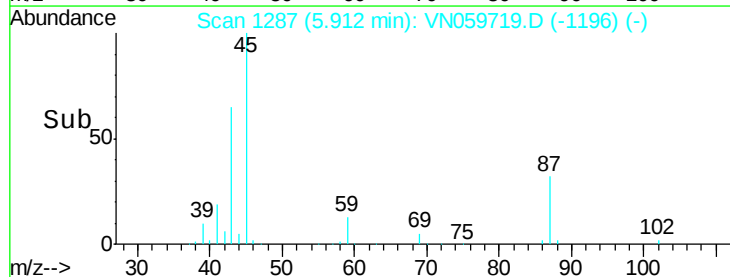
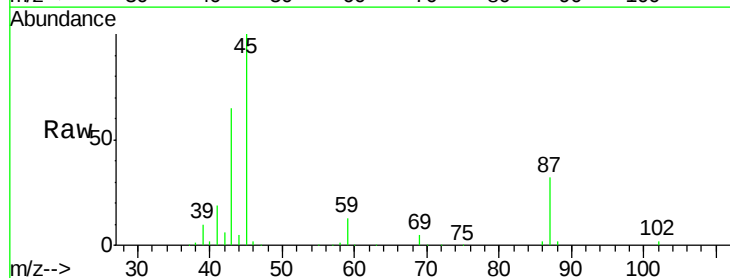
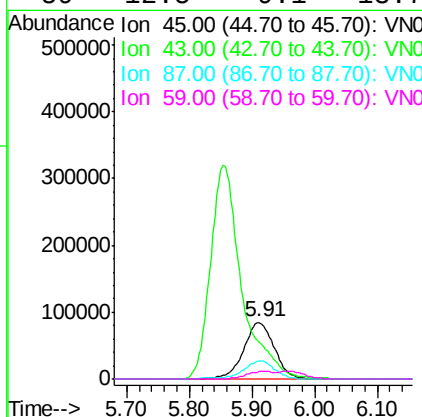
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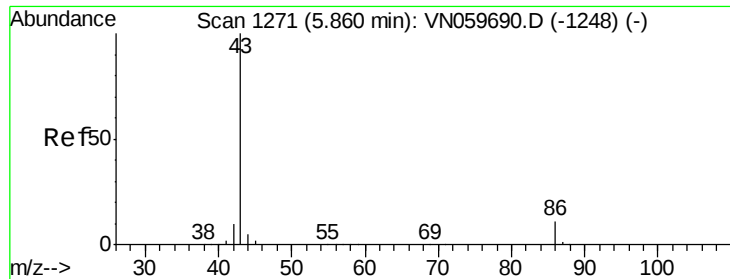
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#22
Diisopropyl ether
Concen: 52.154 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	50.8	76.2
87	32.3	21.0	31.6#
59	12.5	9.1	13.7





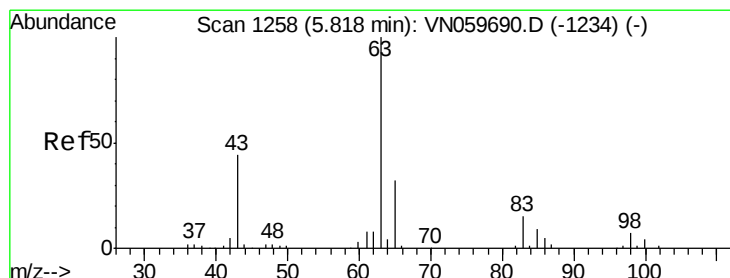
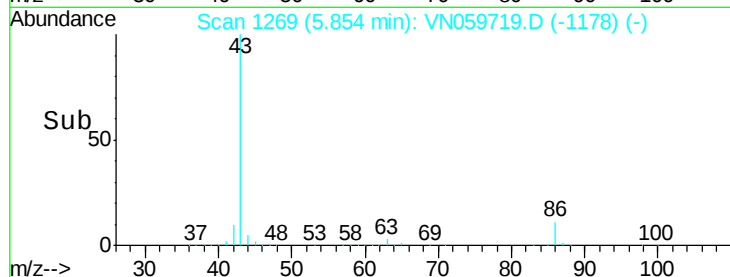
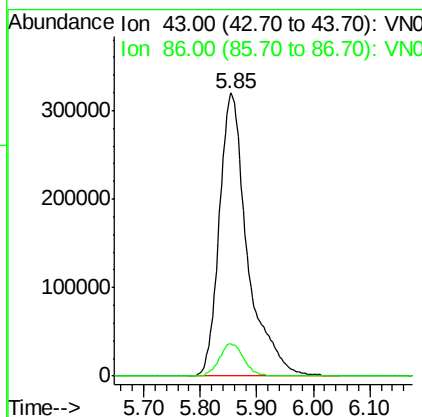
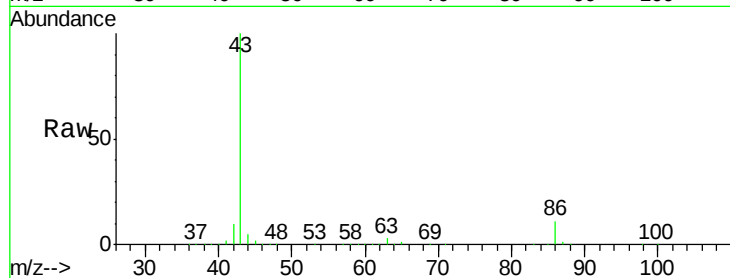
#23
 Vinyl Acetate
 Concen: 259.333 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1105345
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.6 11.4

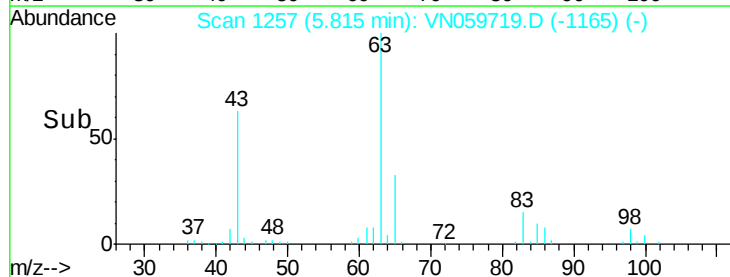
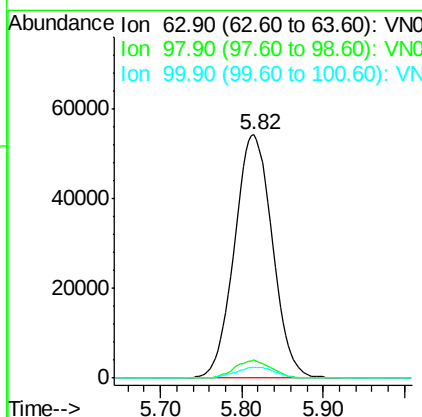
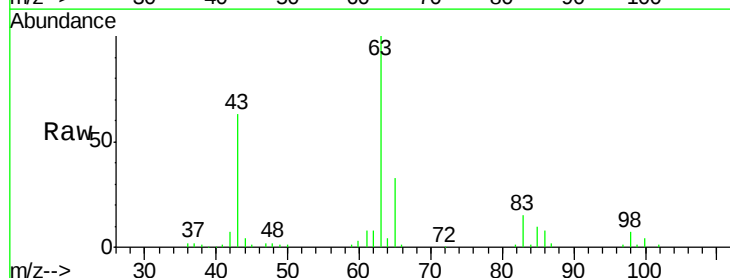
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#24
 1,1-Dichloroethane
 Concen: 51.999 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion: 63 Resp: 174910
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.7
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 209.366 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 259371

Ion Ratio Lower Upper

43 100

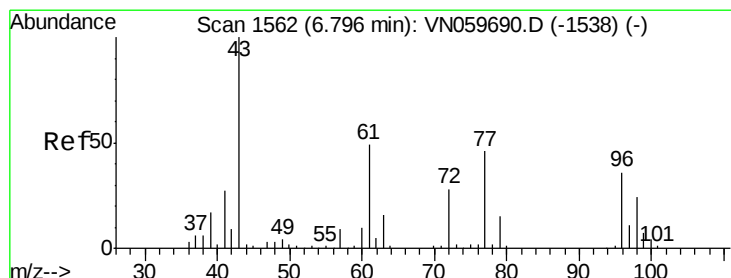
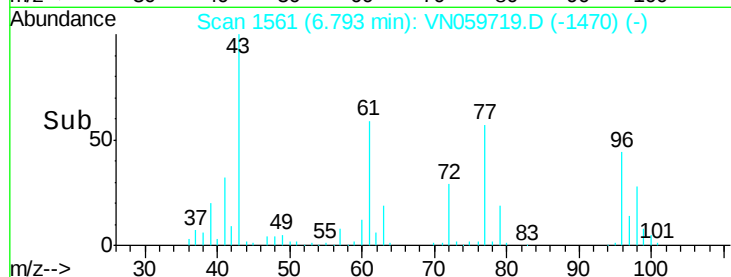
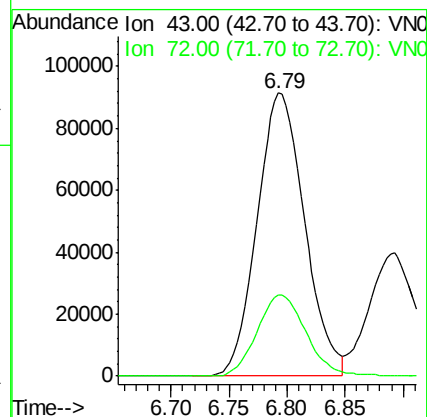
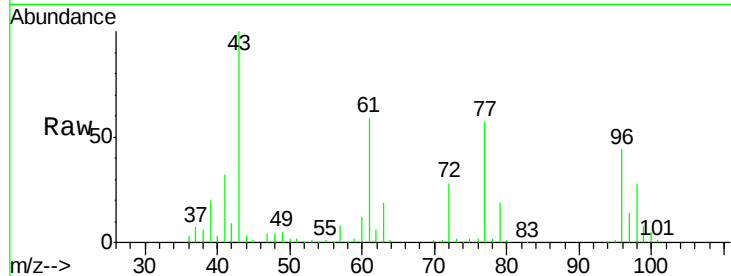
72 28.5 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.496 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059719.D

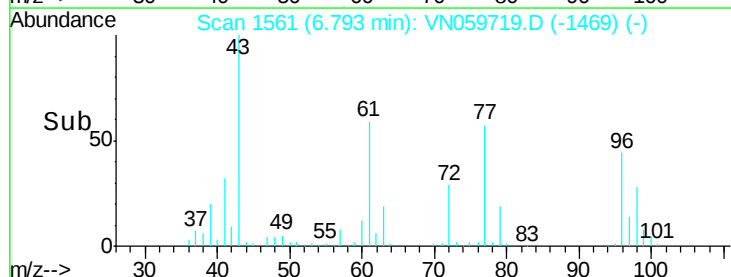
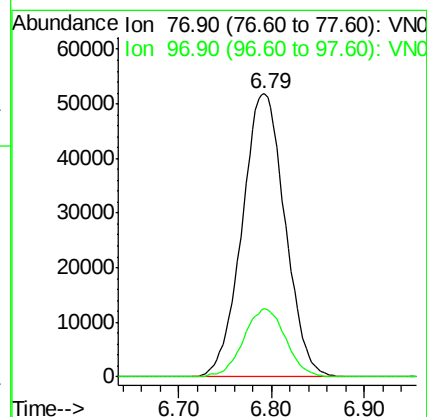
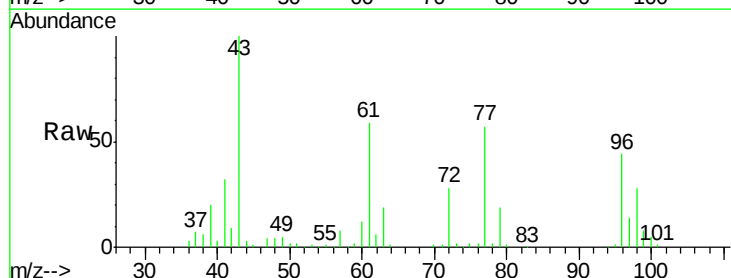
Acq: 15 Jan 2020 17:15

Tgt Ion: 77 Resp: 166530

Ion Ratio Lower Upper

77 100

97 23.6 10.7 31.9





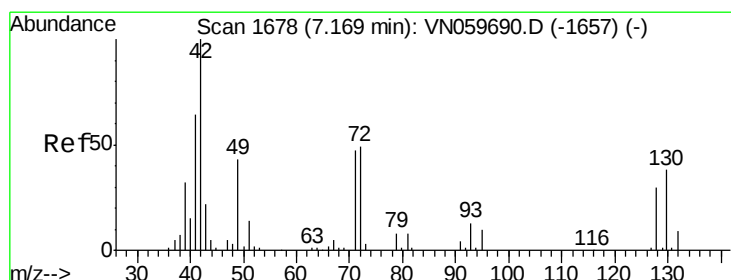
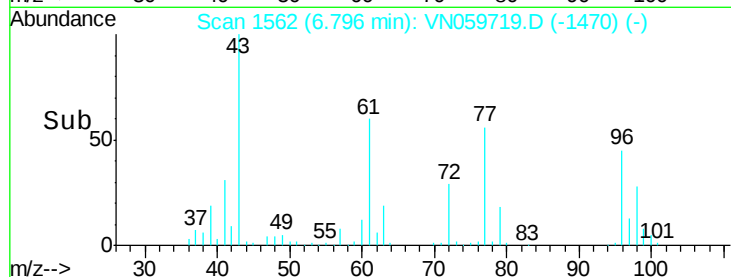
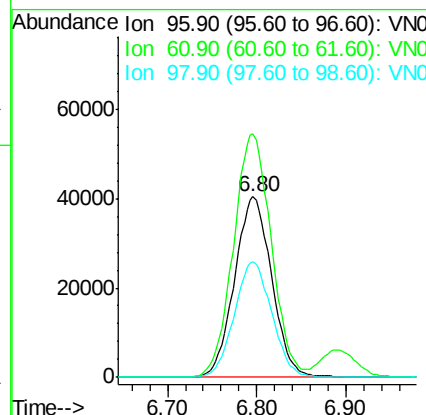
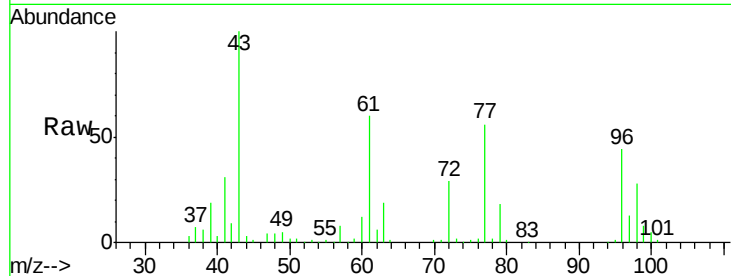
#27
 cis-1,2-Dichloroethene
 Concen: 53.062 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.3	0.0	317.6	
98	64.4	0.0	127.0	

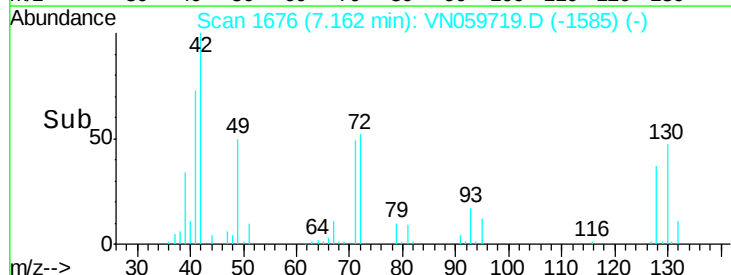
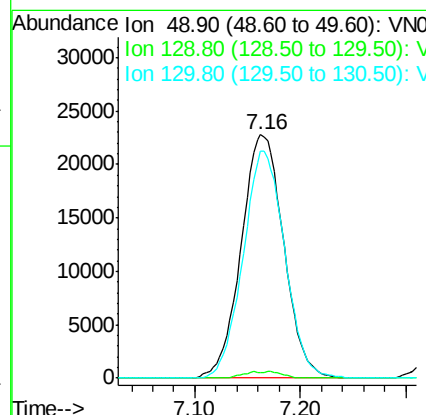
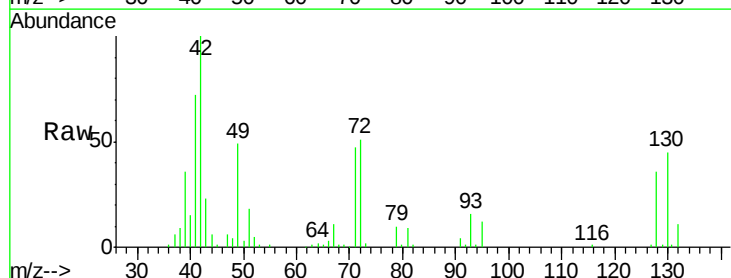
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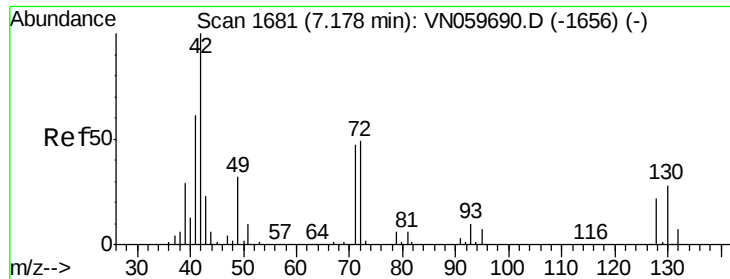
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#28
 Bromochloromethane
 Concen: 47.450 ug/l
 RT: 7.16 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	3.4	
130	91.5	54.7	82.1#	





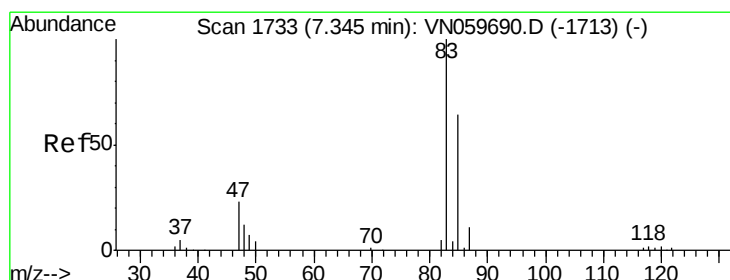
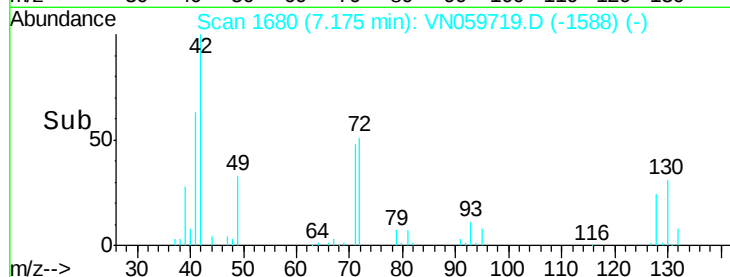
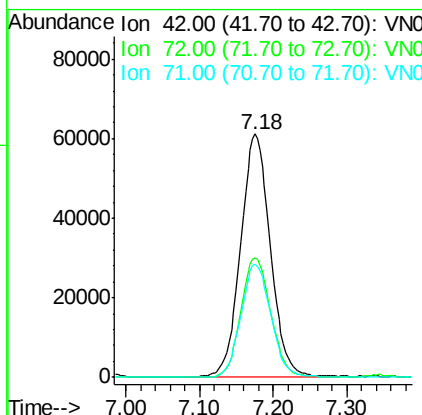
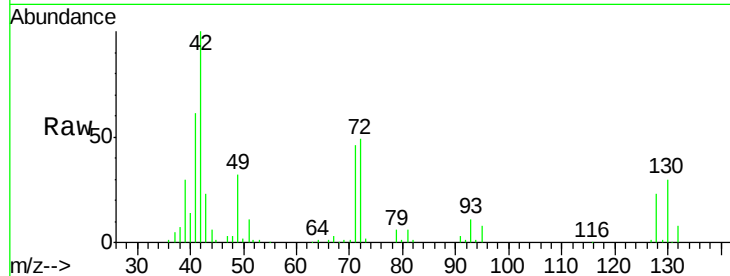
#29
Tetrahydrofuran
Concen: 225.500 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	33.1	49.7
71	46.7	31.4	47.0

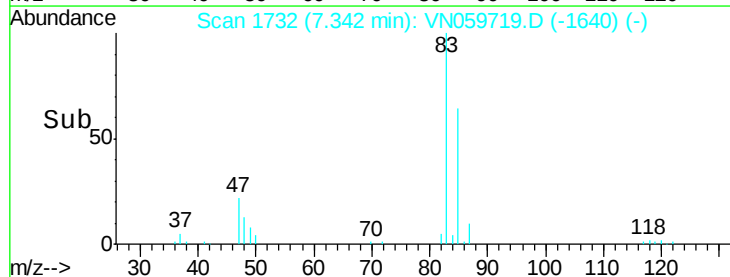
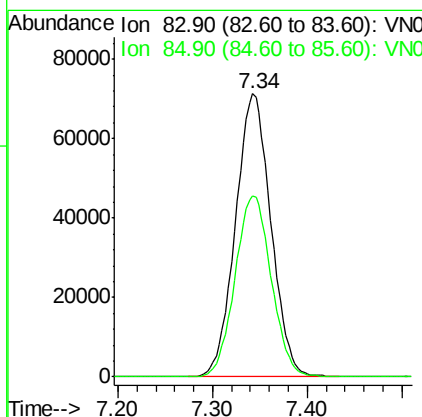
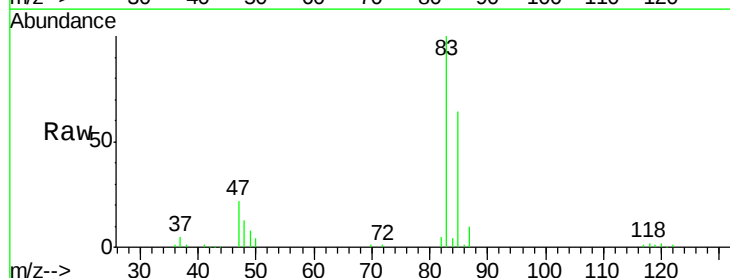
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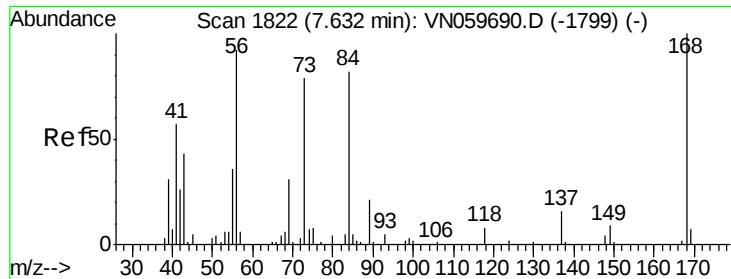
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#30
Chloroform
Concen: 53.244 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.4	78.6





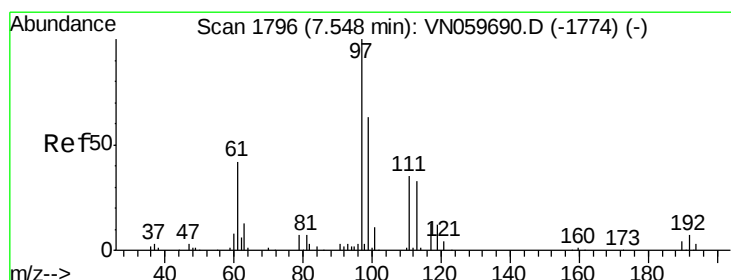
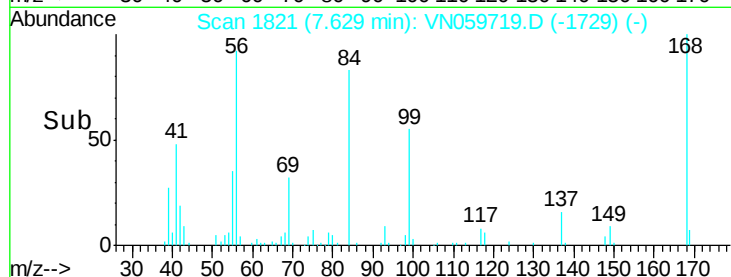
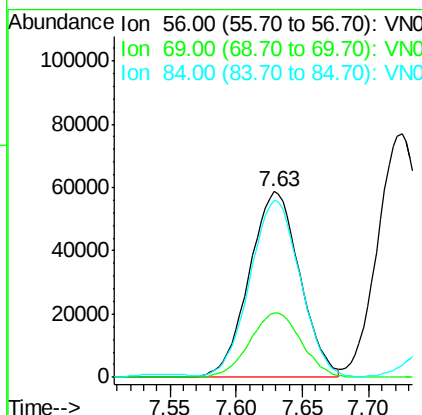
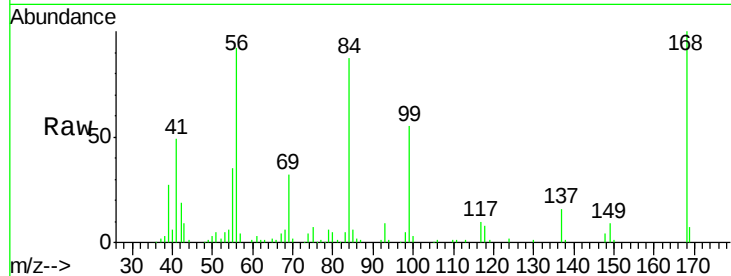
#31
Cyclohexane
Concen: 48.340 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.5	39.7
84	94.1	65.3	97.9

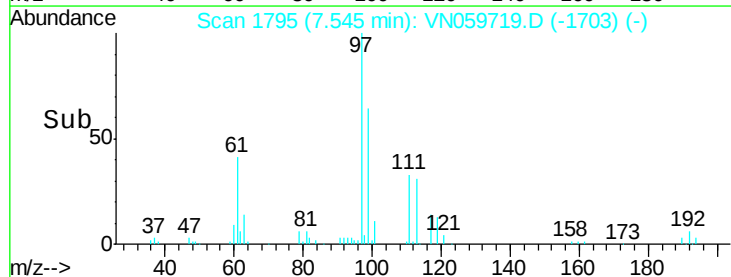
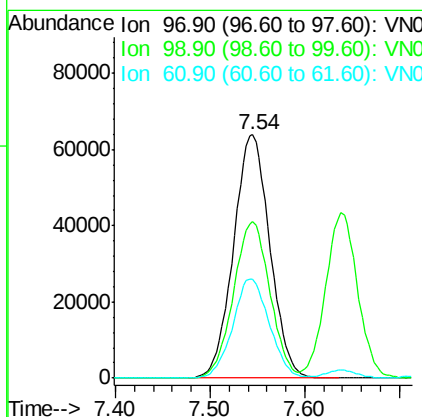
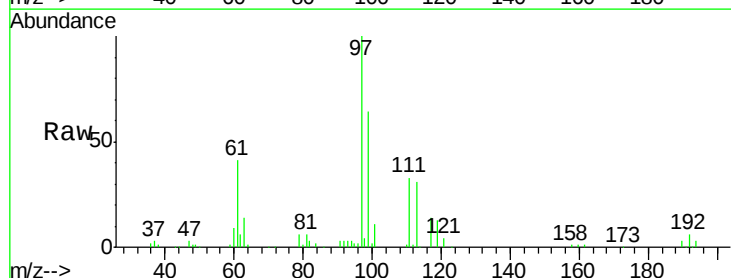
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#32
1,1,1-Trichloroethane
Concen: 53.035 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	41.0	38.5	57.7





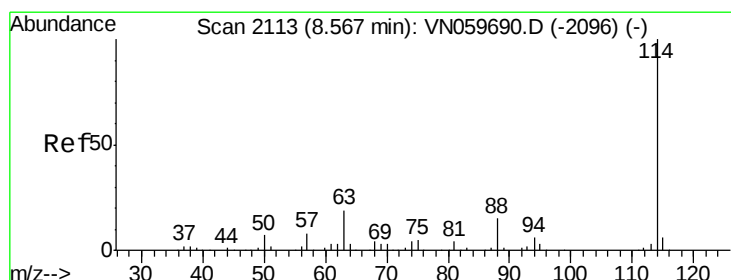
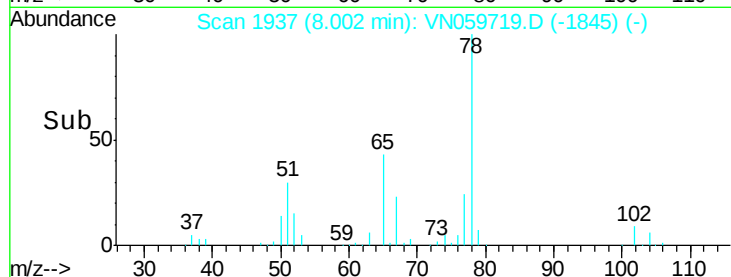
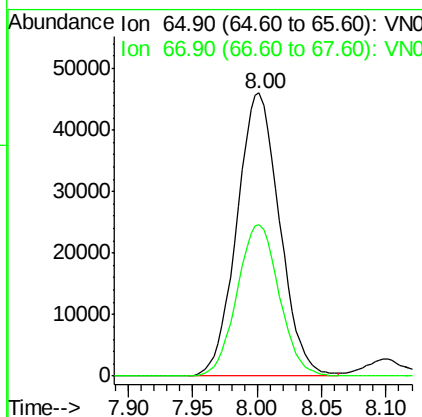
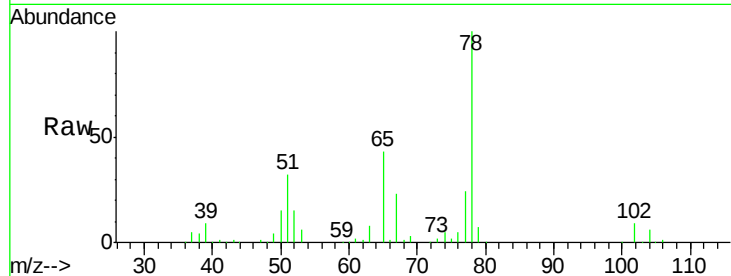
#33
 1,2-Dichloroethane-d4
 Concen: 48.558 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	103.0	

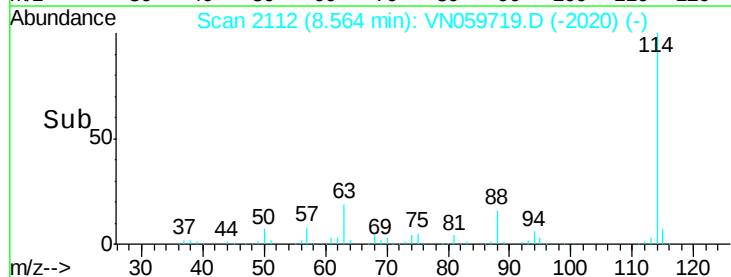
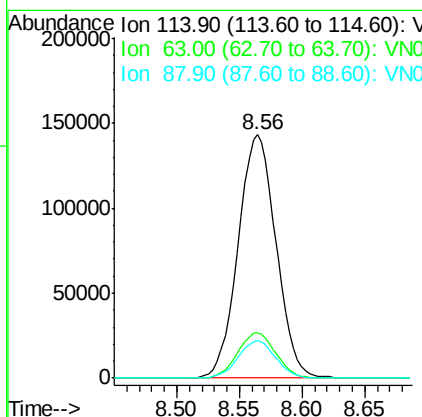
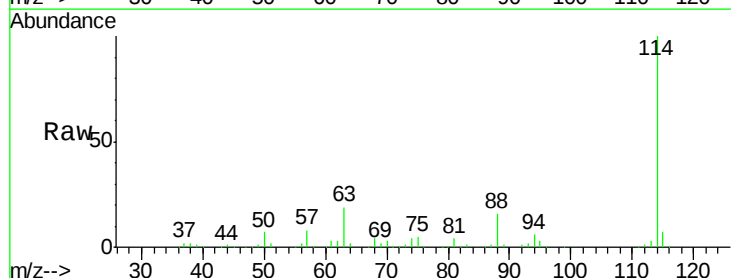
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	43.6	
88	15.5	0.0	31.4	





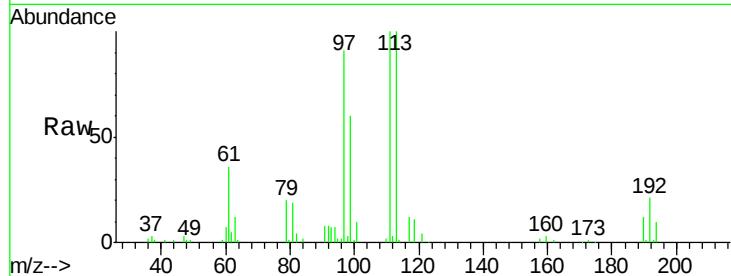
#35
 Dibromofluoromethane
 Concen: 50.897 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

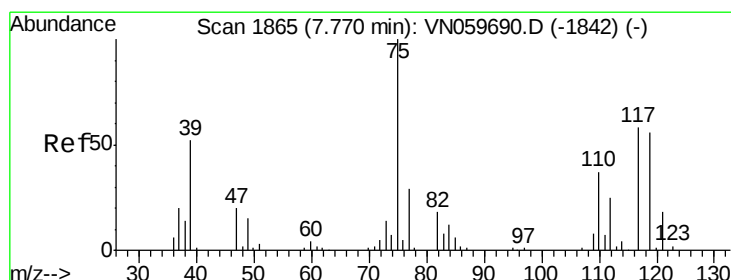
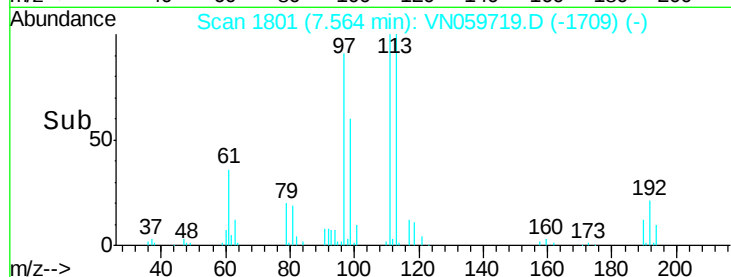
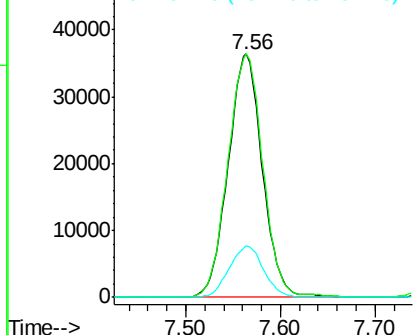
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.5	125.3
192	21.1	15.4	23.2

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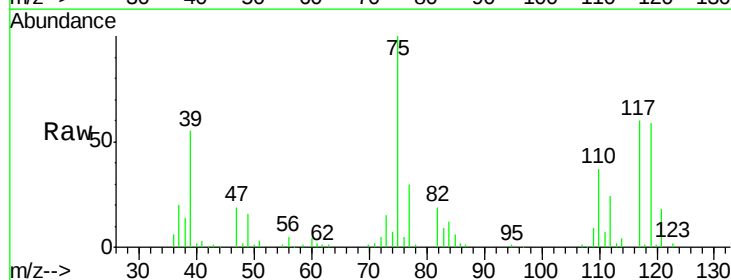


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

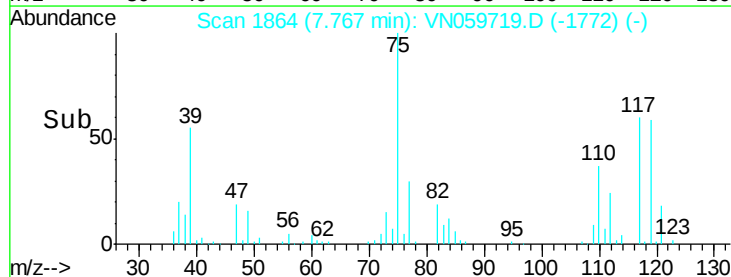
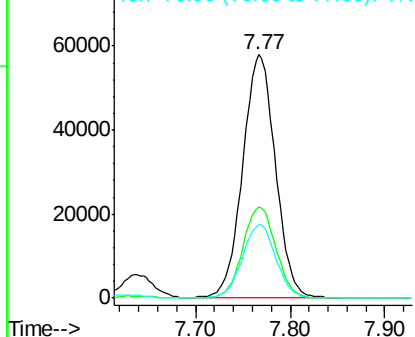


#36
 1,1-Dichloropropene
 Concen: 53.258 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	16.6	49.7
77	31.2	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





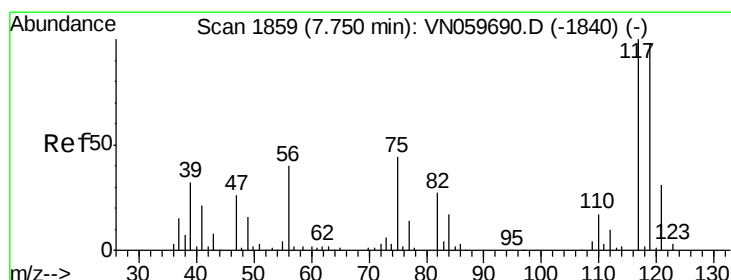
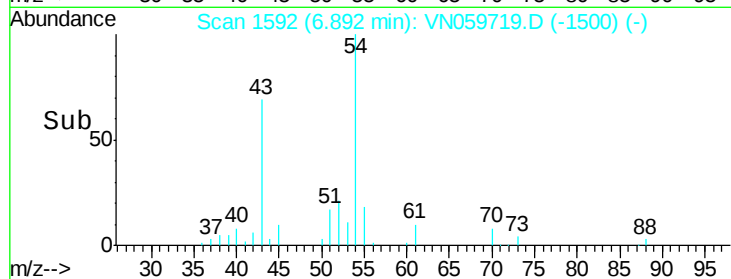
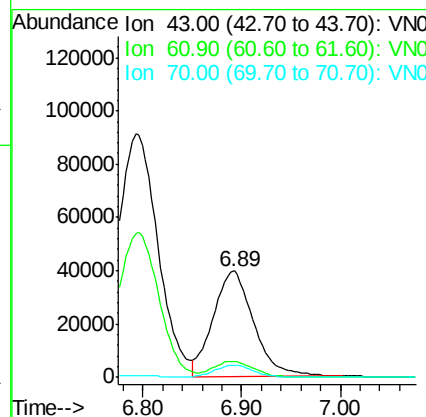
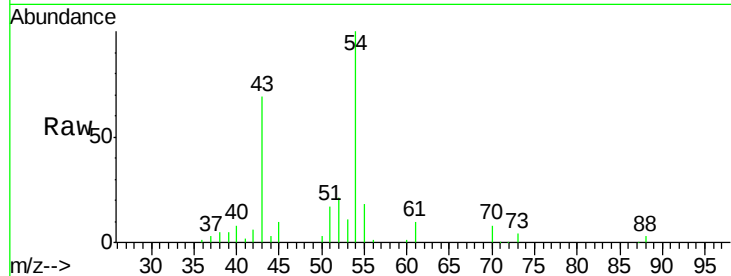
#37
Ethyl Acetate
Concen: 46.096 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.9	16.3
70	11.3	7.7	11.5

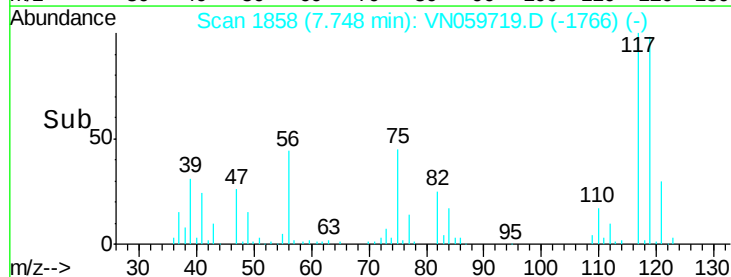
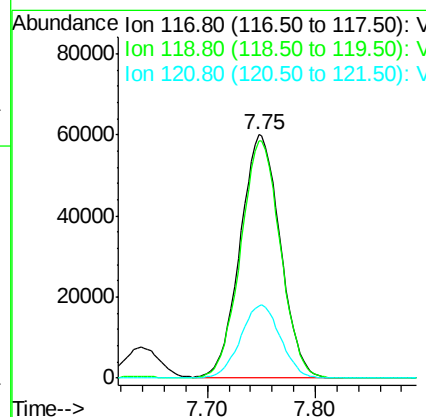
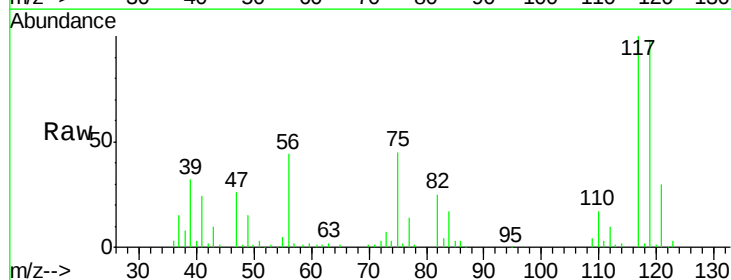
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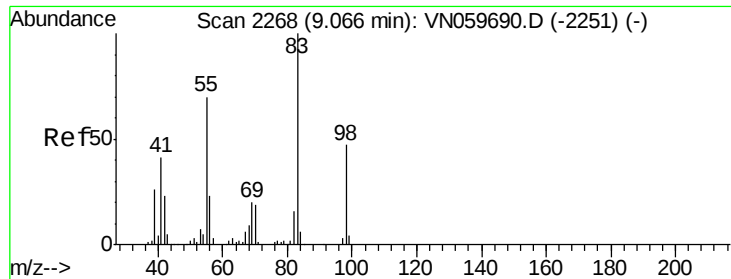
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#38
Carbon Tetrachloride
Concen: 54.343 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.5	114.7
121	29.8	25.1	37.7





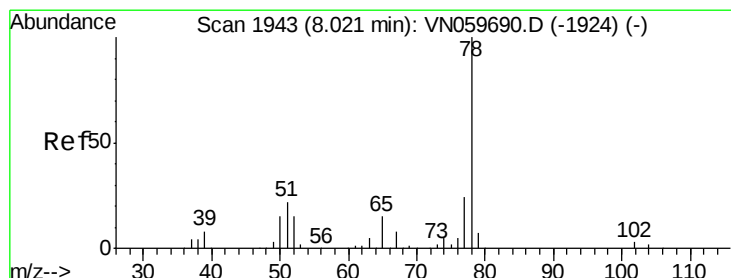
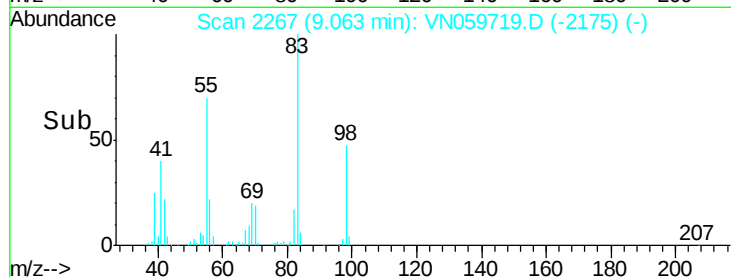
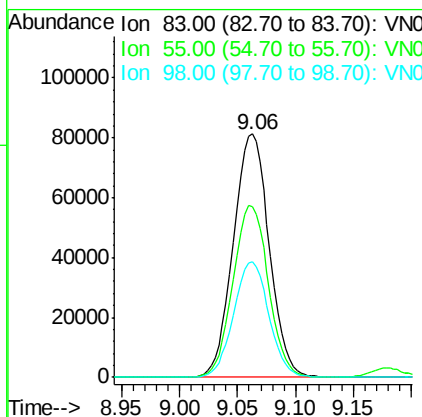
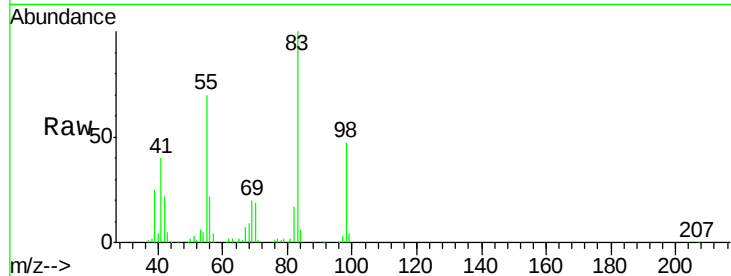
#39
Methvlcvclohexane
Concen: 54.036 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.2	64.2	96.2
98	47.4	35.9	53.9

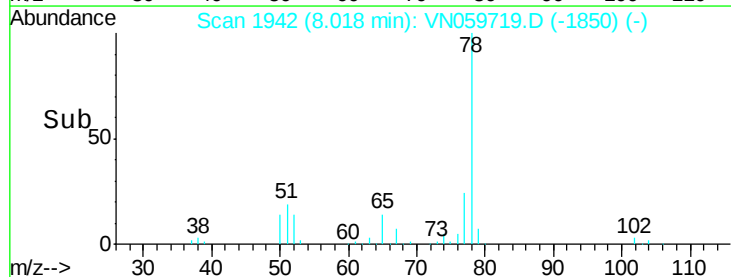
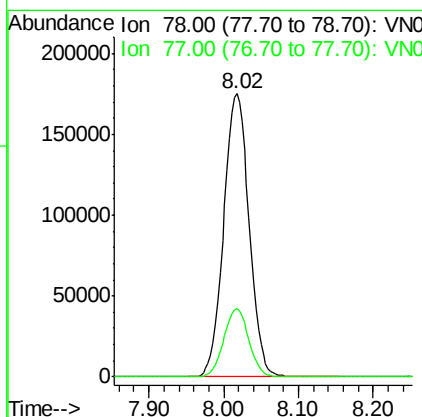
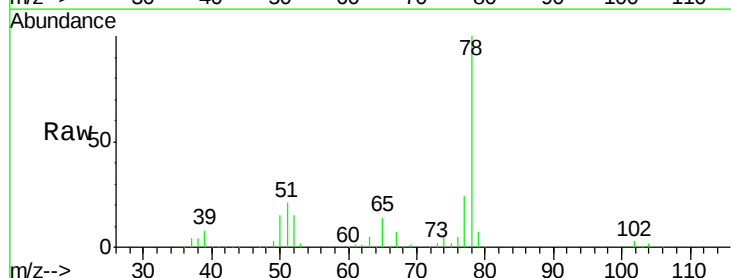
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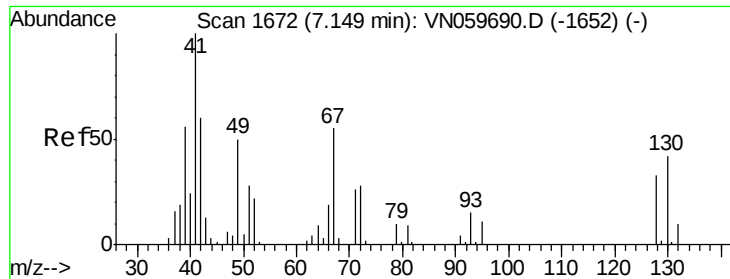
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#40
Benzene
Concen: 52.587 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3





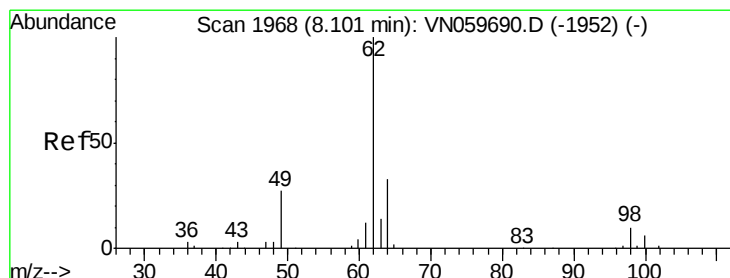
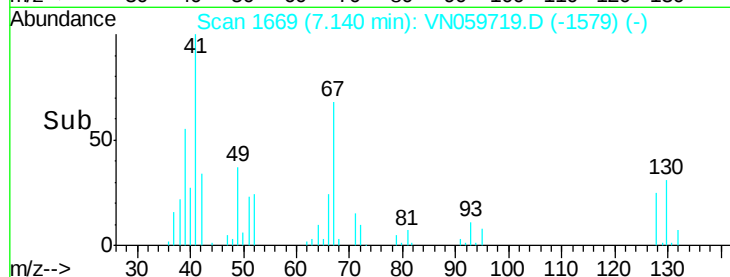
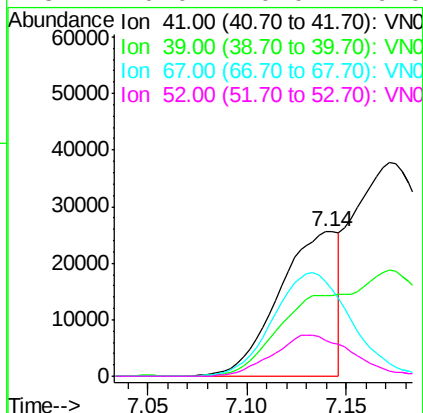
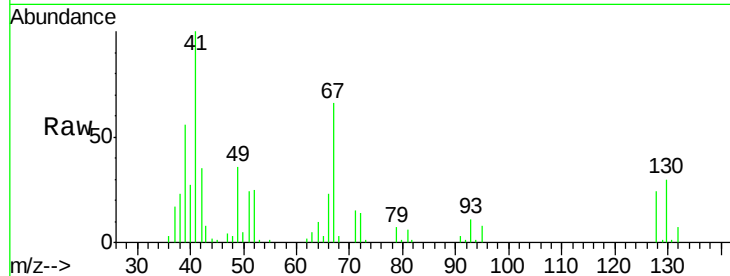
#41
Methacrylonitrile
Concen: 44.574 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	157.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

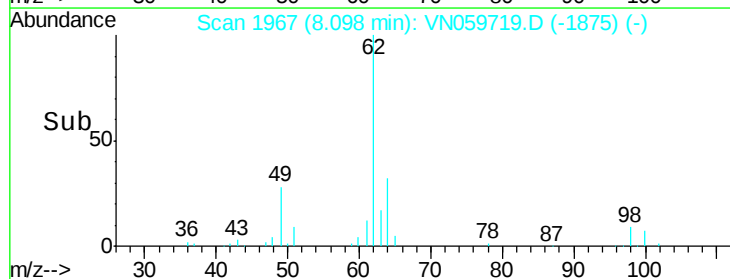
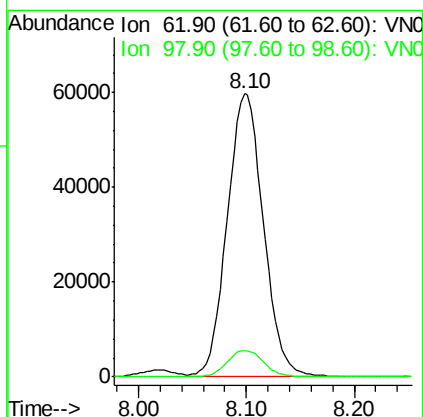
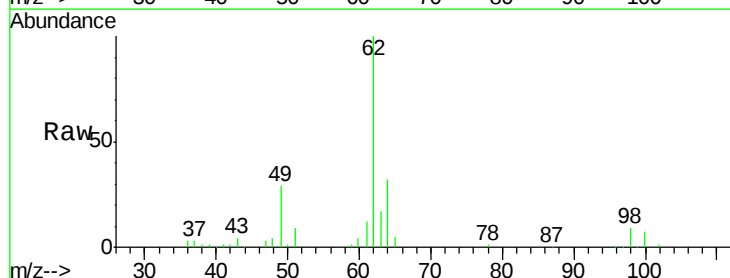
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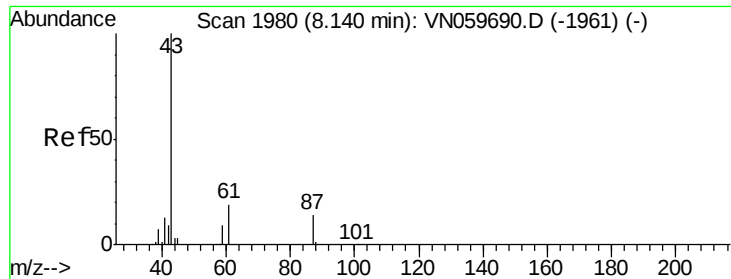
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#42
1,2-Dichloroethane
Concen: 52.429 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 48.573 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

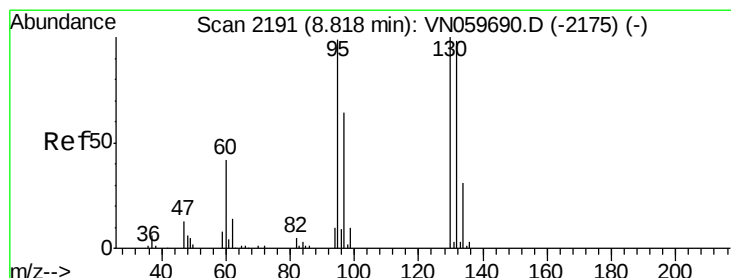
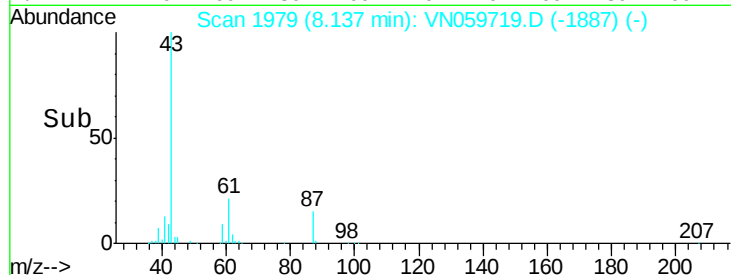
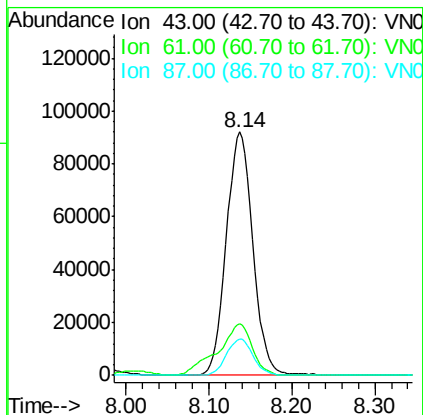
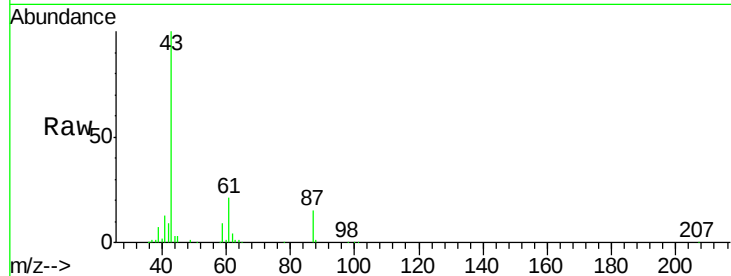
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	205438
Ion Ratio		Lower	Upper
43	100		
61	27.5	20.2	30.2
87	14.7	9.5	14.3#

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#44

Trichloroethene

Concen: 55.763 ug/l

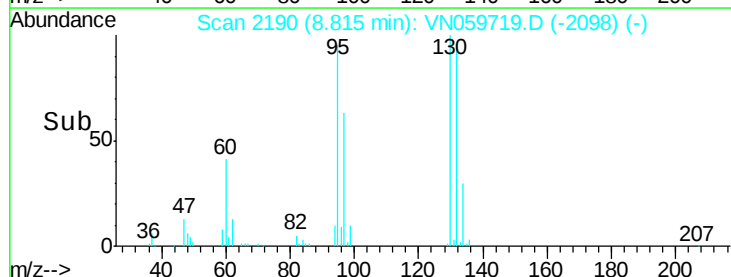
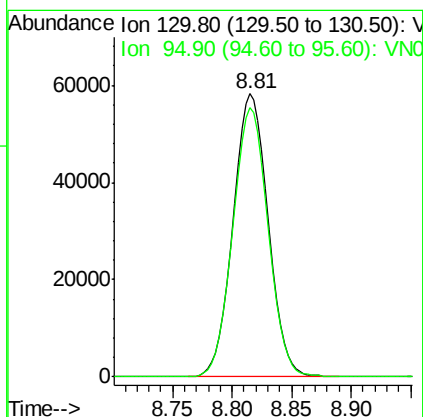
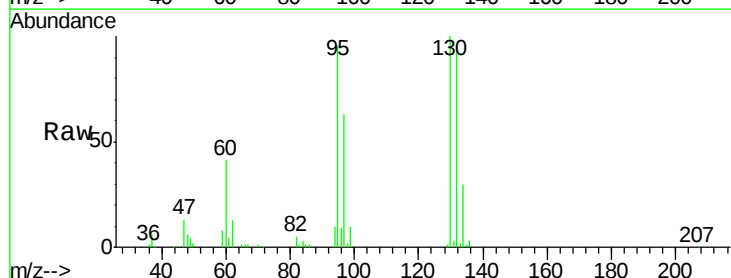
RT: 8.81 min Scan# 2190

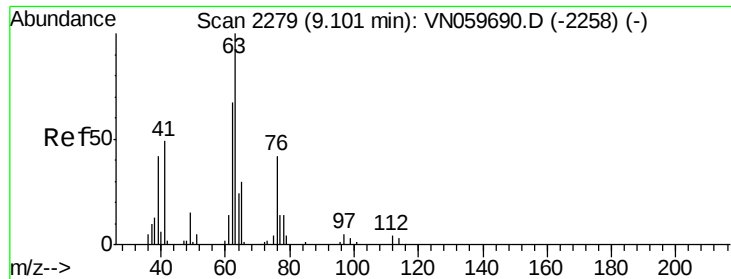
Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion:	130	Resp:	119025
Ion Ratio		Lower	Upper
130	100		
95	95.1	0.0	207.0





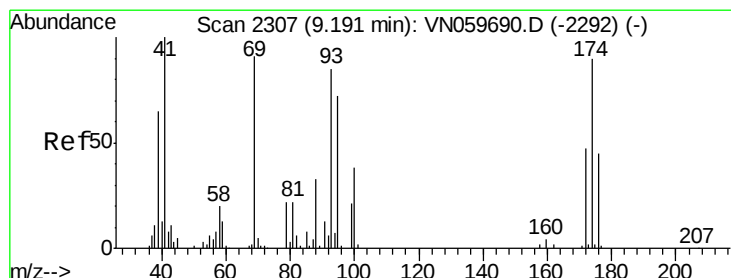
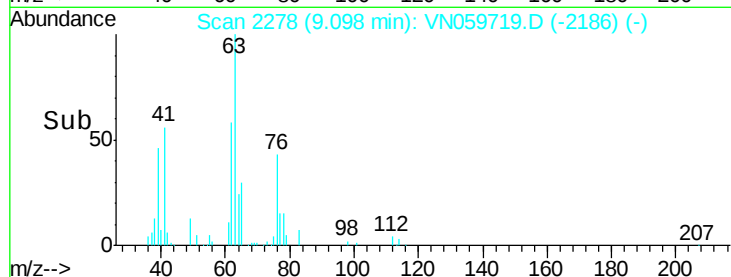
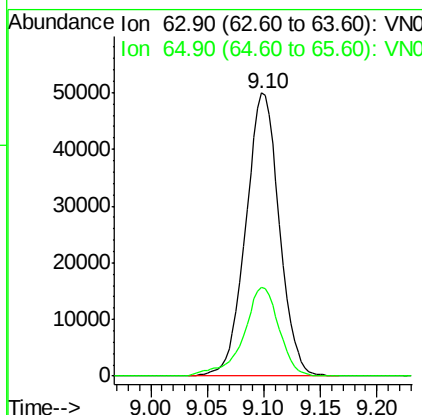
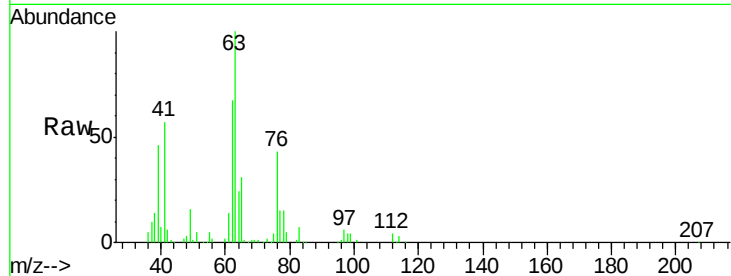
#45
 1,2-Dichloropropane
 Concen: 53.294 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.9	37.3

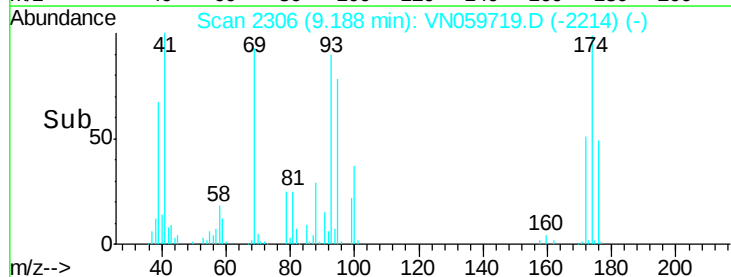
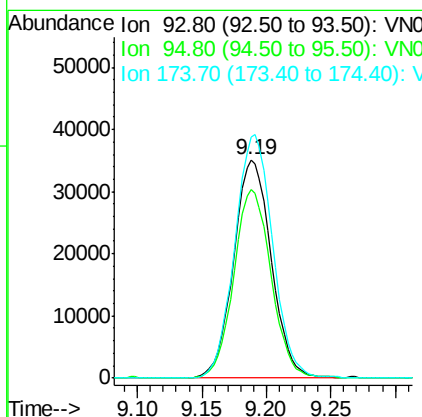
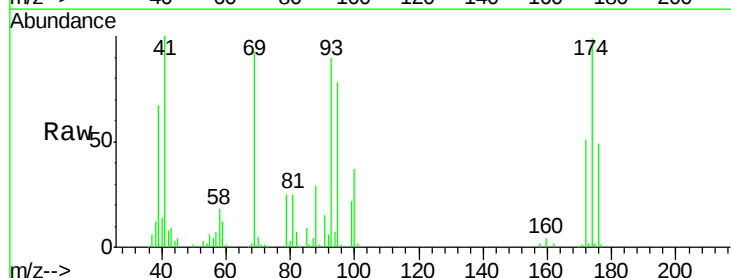
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#46
 Dibromomethane
 Concen: 52.377 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.0	100.6
174	112.3	73.4	110.2#





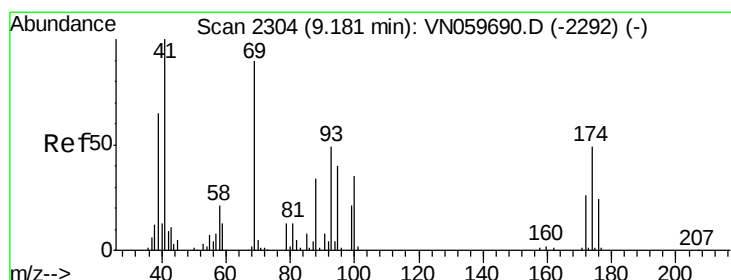
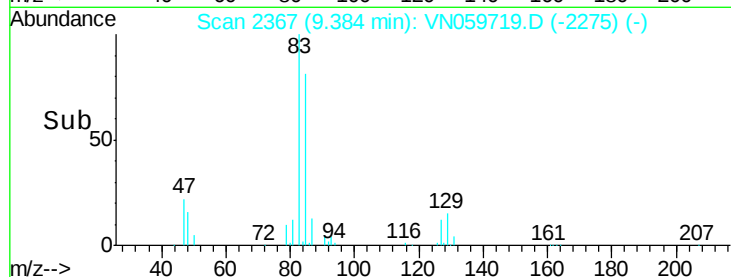
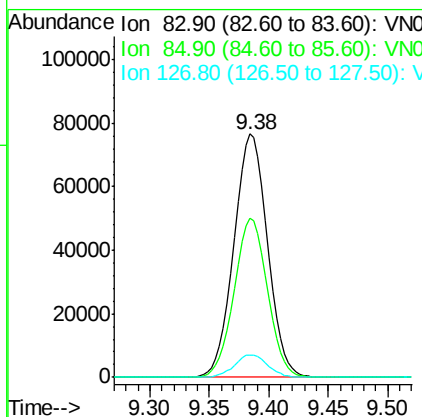
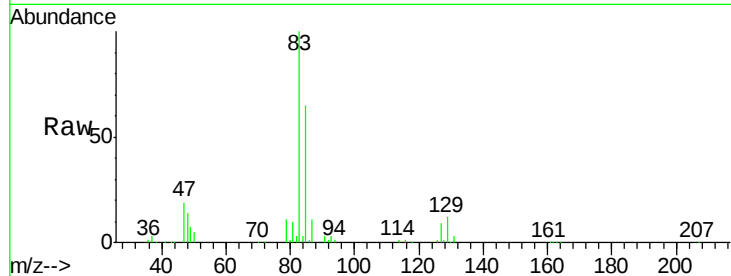
#47
Bromodichloromethane
Concen: 54.561 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	150059
Ion Ratio	100		
85	65.5	51.1	76.7
127	9.3	6.6	9.8

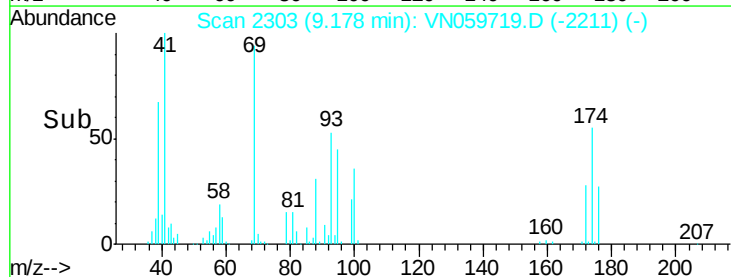
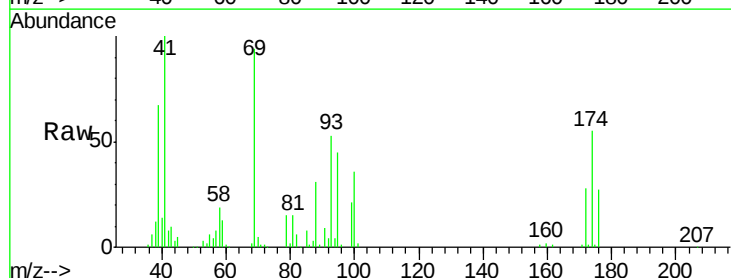
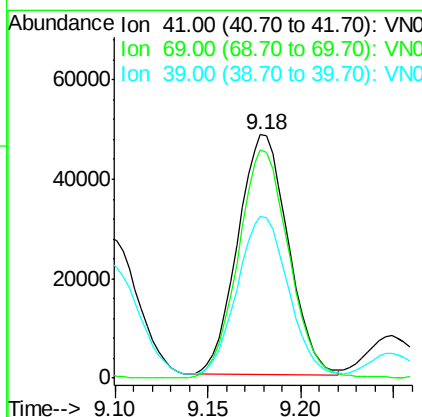
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#48
Methyl methacrylate
Concen: 48.346 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	41	Resp	91463
Ion Ratio	100		
69	95.6	64.4	96.6
39	66.4	51.3	76.9





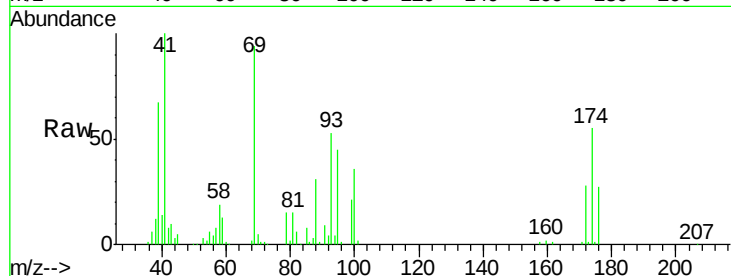
#49
1,4-Dioxane
Concen: 899.847 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	29.7	44.5
58	63.0	56.6	85.0

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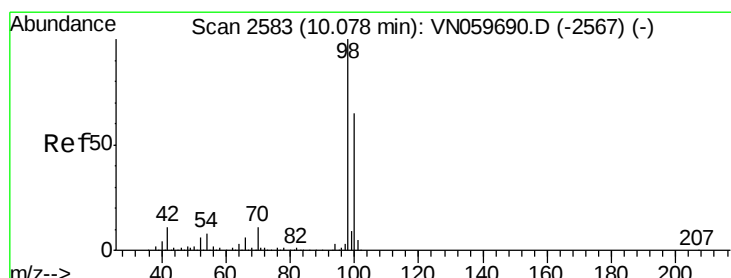
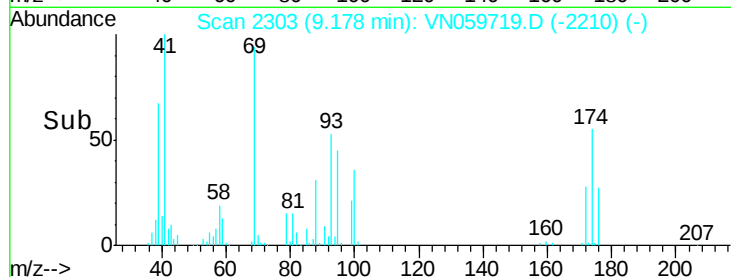
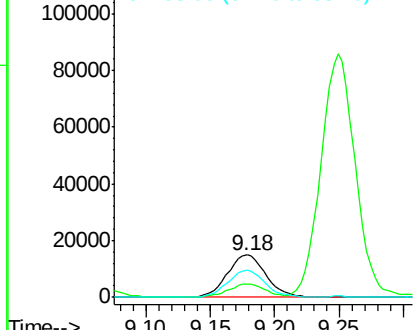


Abundance

Ion 88.00 (87.70 to 88.70): VN059719.D (-2290) (-)

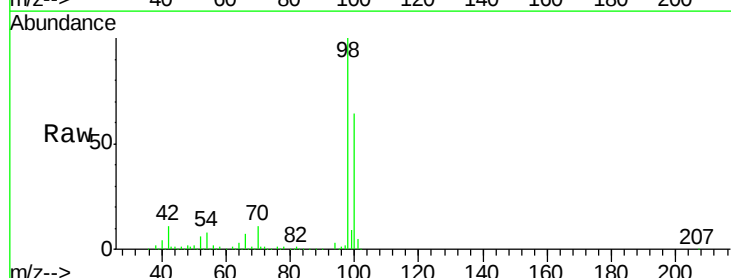
Ion 43.00 (42.70 to 43.70): VN059719.D (-2290) (-)

Ion 58.00 (57.70 to 58.70): VN059719.D (-2290) (-)



#50
Toluene-d8
Concen: 50.421 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

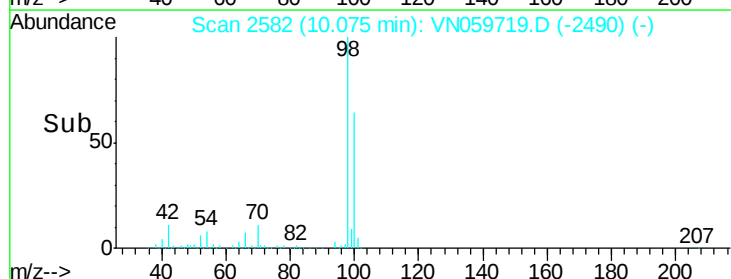
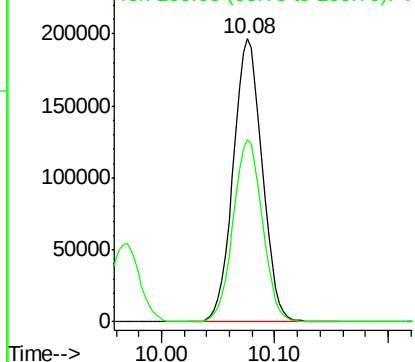
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8

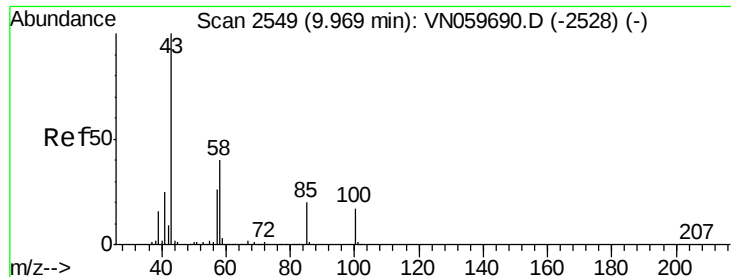


Abundance

Ion 98.00 (97.70 to 98.70): VN059719.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059719.D (-2567) (-)





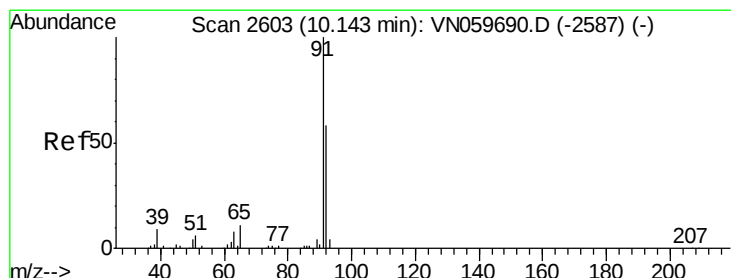
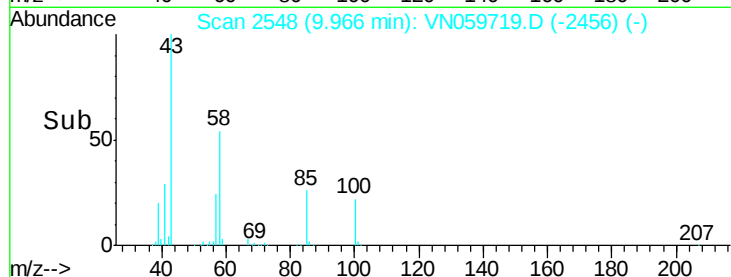
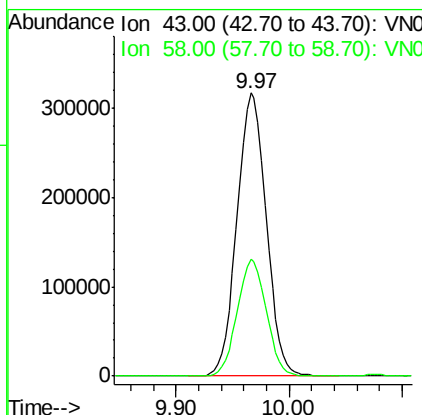
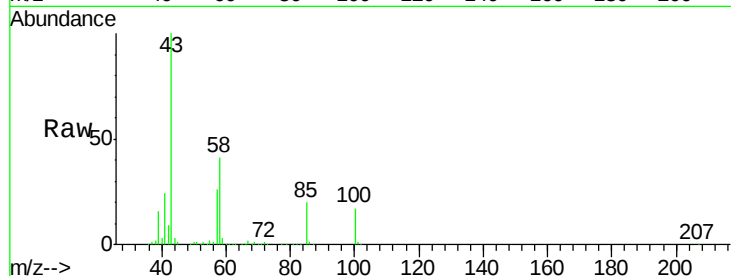
#51
 4-Methyl-2-Pentanone
 Concen: 234.668 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	573744
Ion Ratio	43	100	
Lower	29.8		
Upper	44.8		

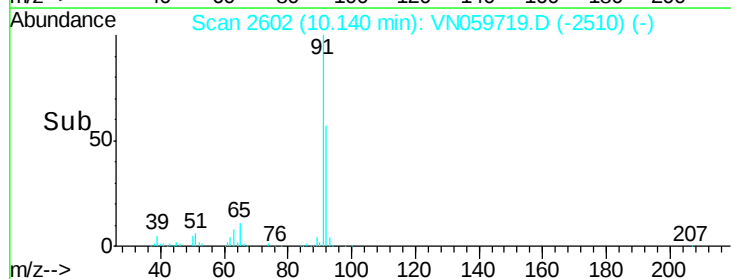
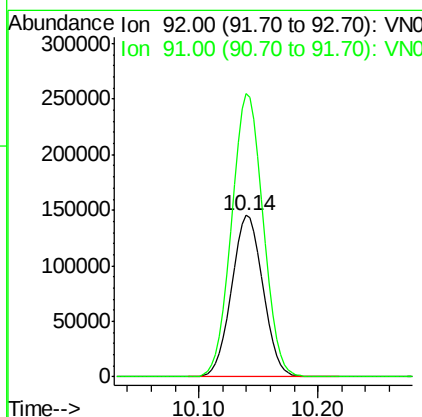
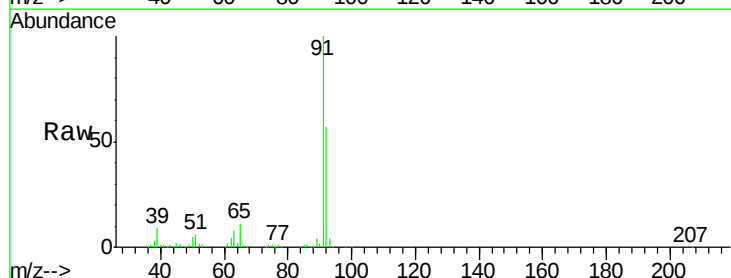
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#52
 Toluene
 Concen: 54.055 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	92	Resp	266963
Ion Ratio	92	100	
Lower	140.4		
Upper	210.6		





#53

t-1,3-Dichloropropene

Concen: 54.023 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 165903

Ion Ratio Lower Upper

75 100

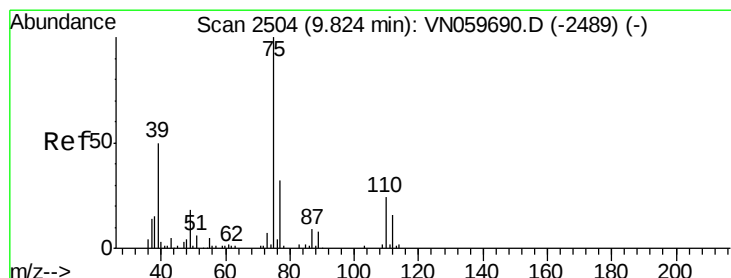
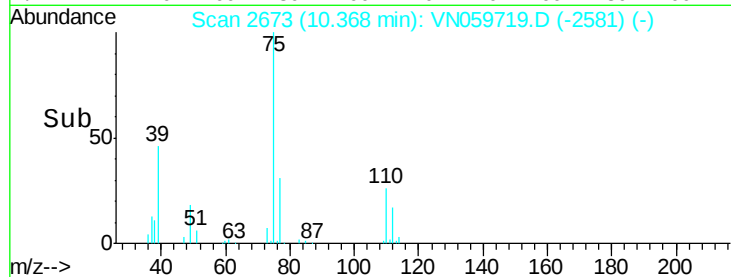
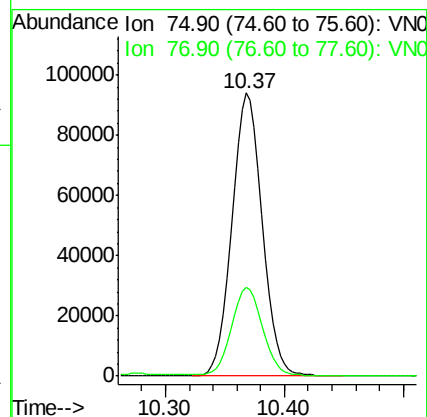
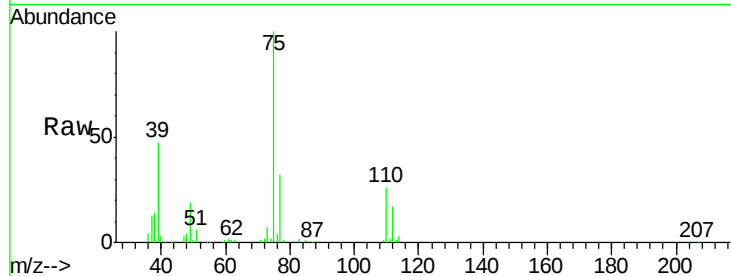
77 31.3 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 55.600 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

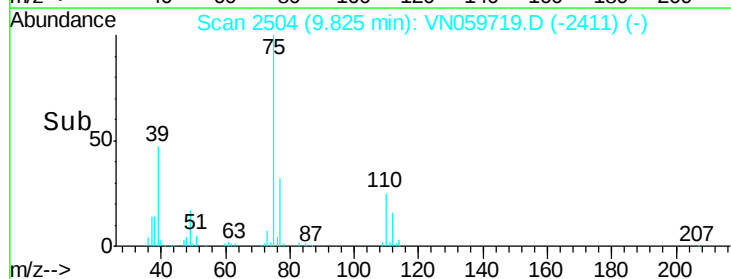
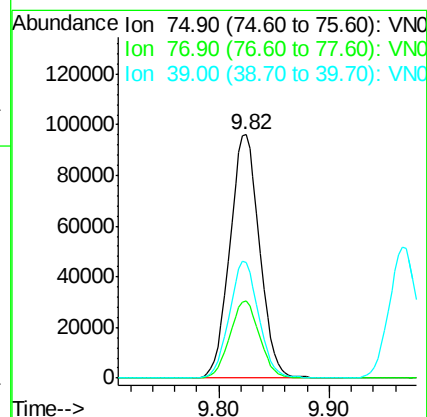
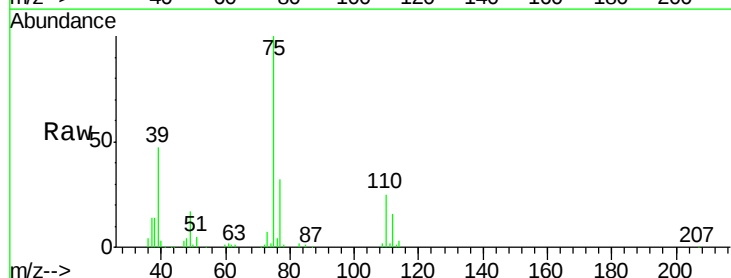
Tgt Ion: 75 Resp: 179655

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 47.4 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 52.959 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 103589

Ion Ratio Lower Upper

97 100

83 85.3 71.3 106.9

85 54.8 45.8 68.8

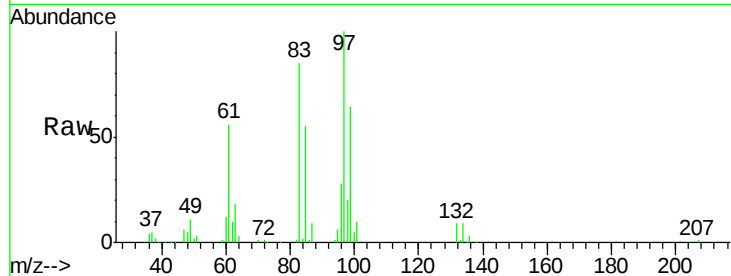
99 63.7 50.0 75.0

Manual Integrations

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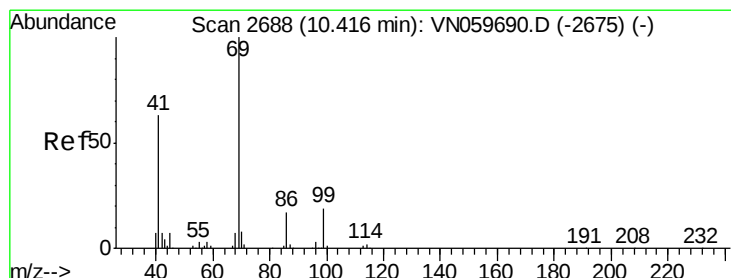
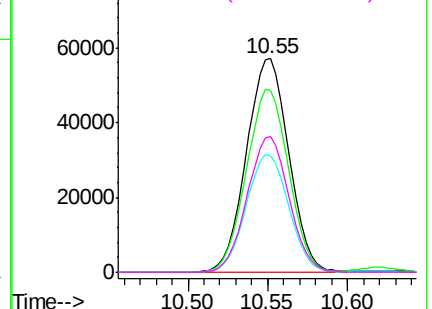
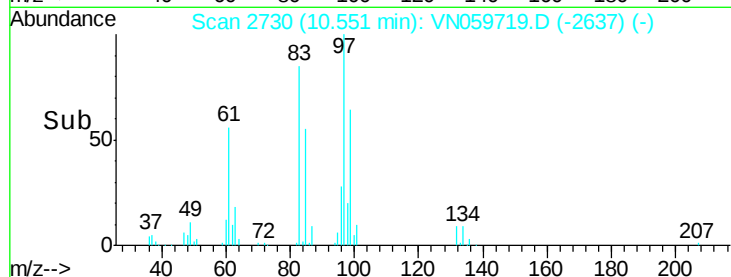


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.087 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

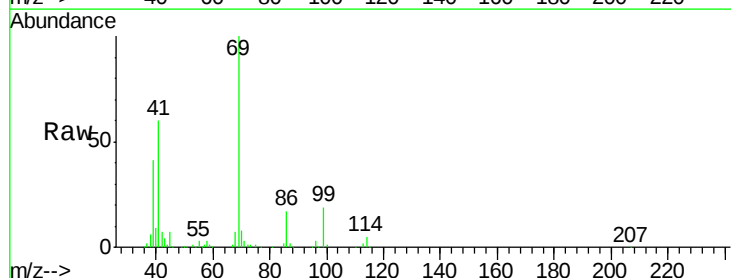
Tgt Ion: 69 Resp: 155680

Ion Ratio Lower Upper

69 100

41 60.8 57.1 85.7

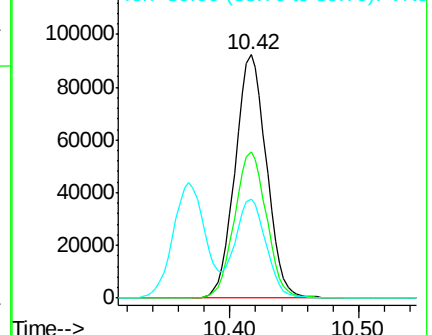
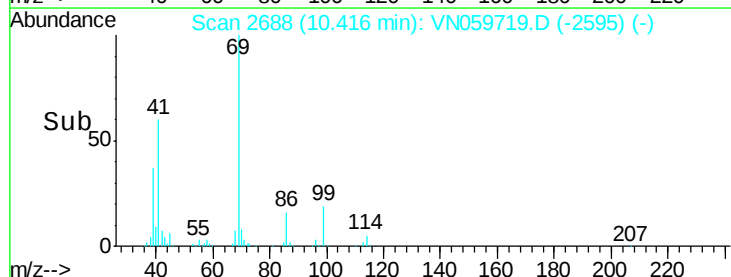
39 40.5 34.7 52.1

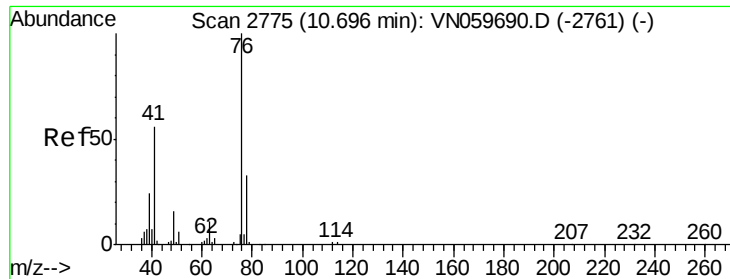


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 54.048 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 167842

Ion Ratio Lower Upper

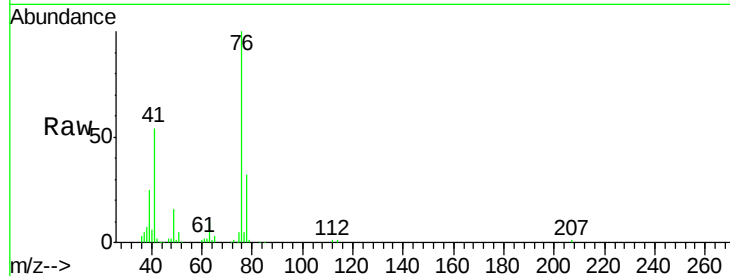
76 100

78 32.4 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN059719.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN059719.D (-2682) (-)

10.70

100000

80000

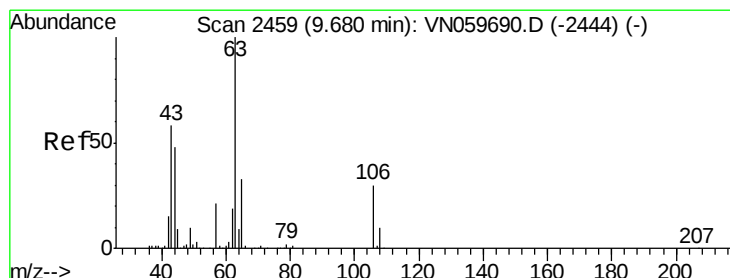
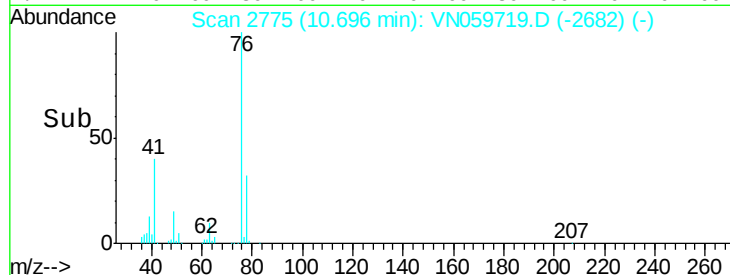
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 300.944 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN059719.D

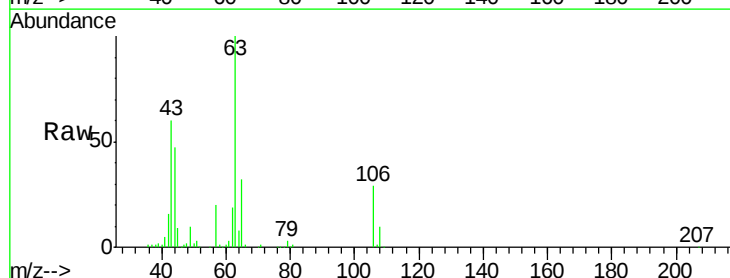
Acq: 15 Jan 2020 17:15

Tgt Ion: 63 Resp: 270923

Ion Ratio Lower Upper

63 100

106 29.6 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059719.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN059719.D (-2366) (-)

9.68

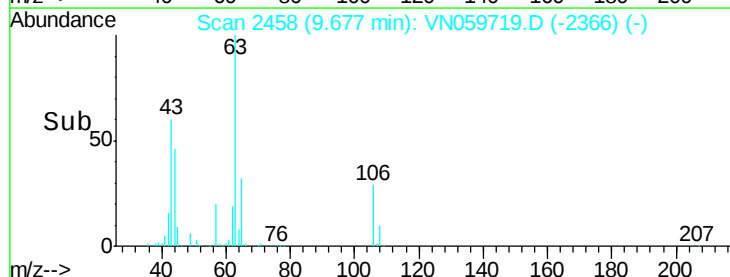
150000

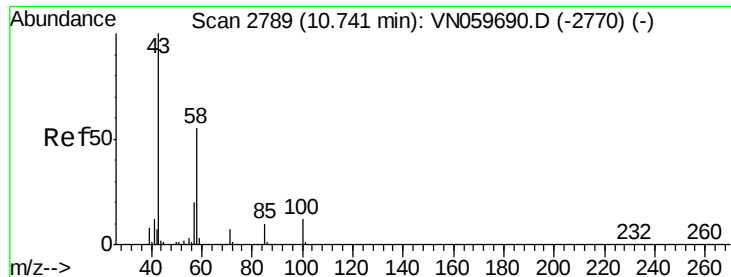
100000

50000

0

Time--> 9.60 9.70 9.80





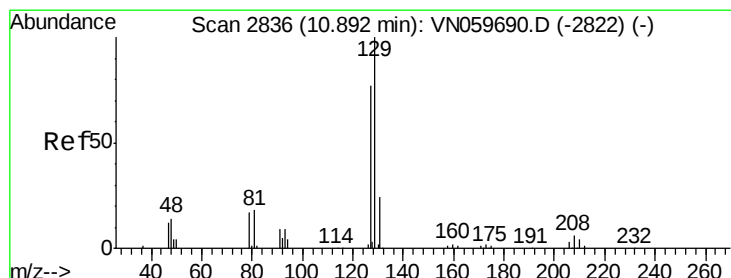
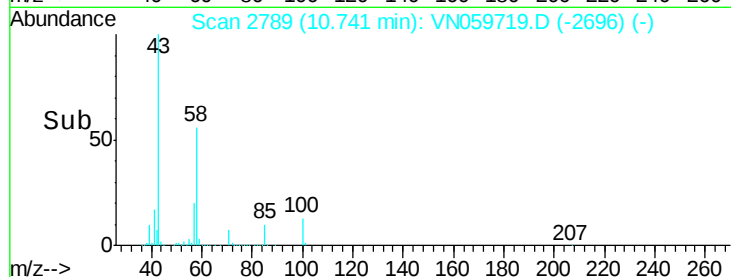
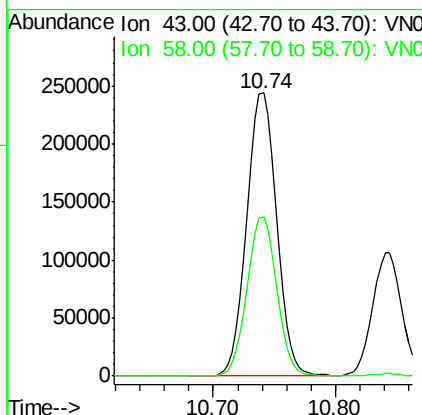
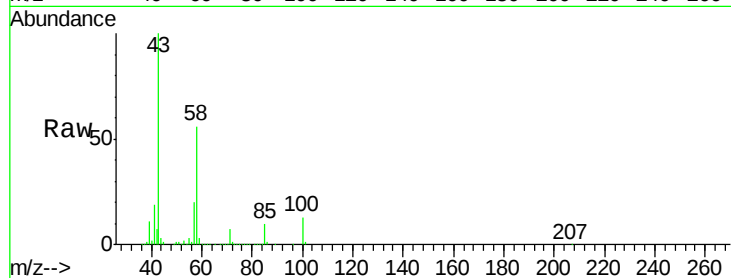
#59
2-Hexanone
Concen: 228.336 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 411275
Ion Ratio Lower Upper
43 100
58 55.9 25.8 77.3

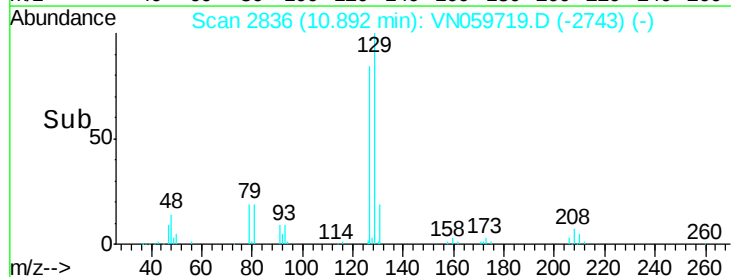
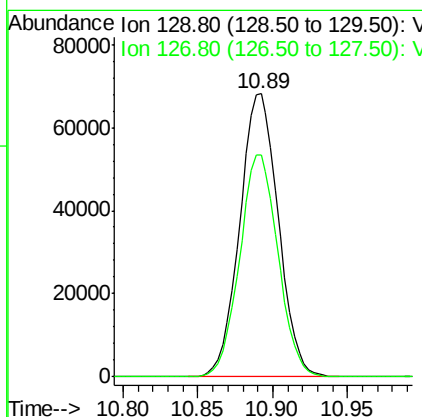
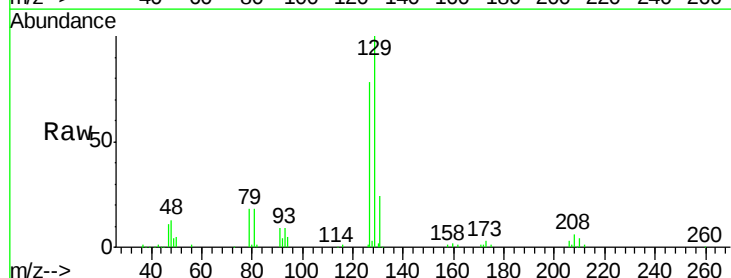
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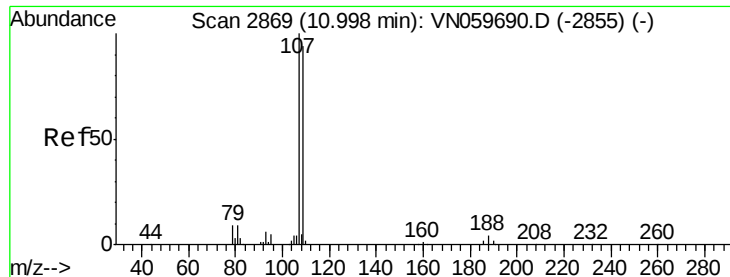
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#60
Dibromochloromethane
Concen: 54.884 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion: 129 Resp: 122252
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





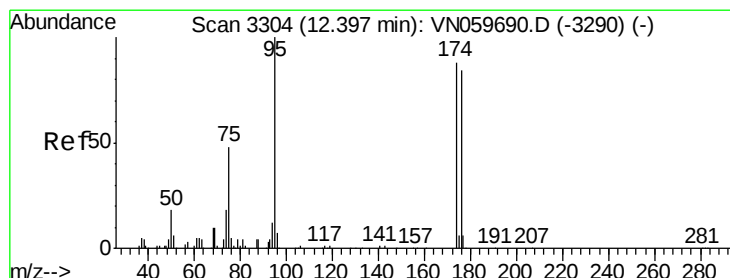
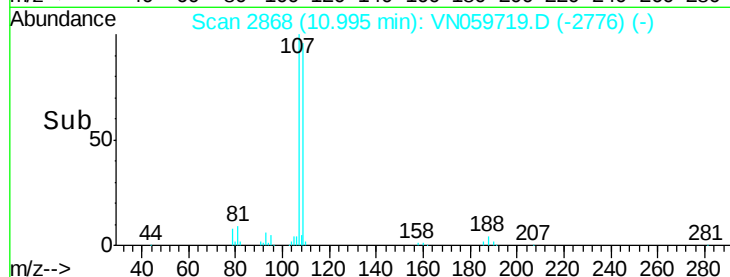
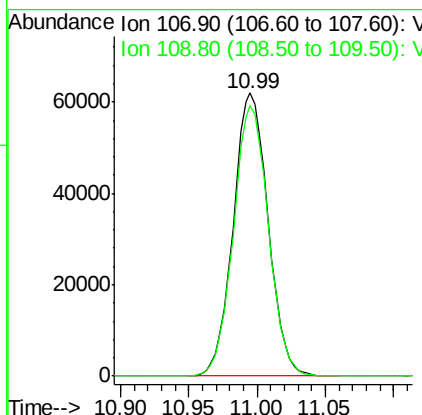
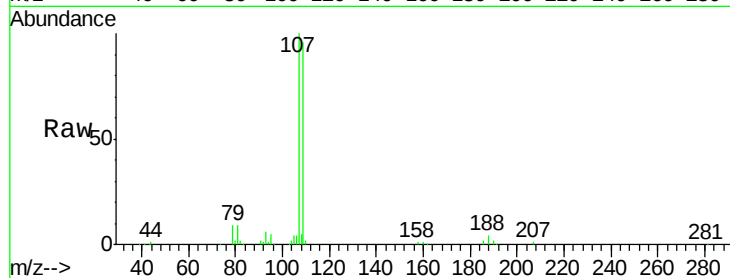
#61
 1,2-Dibromoethane
 Concen: 53.649 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.0	76.6	115.0

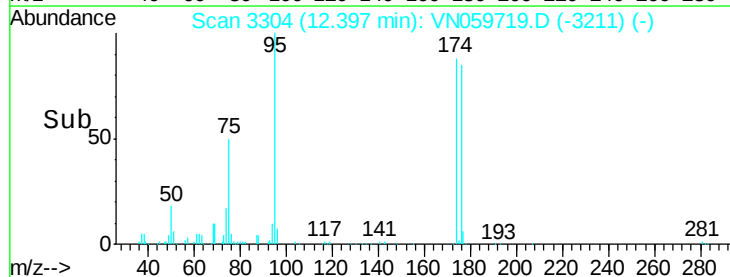
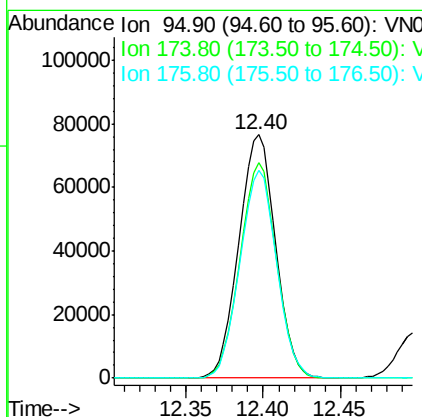
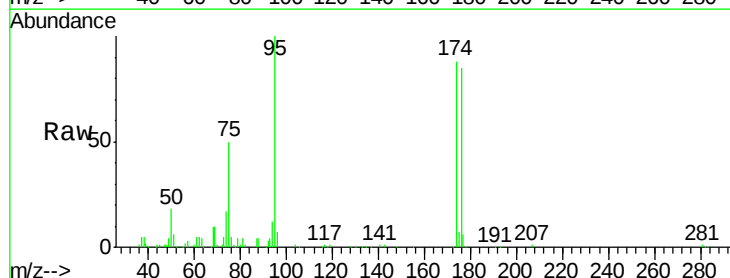
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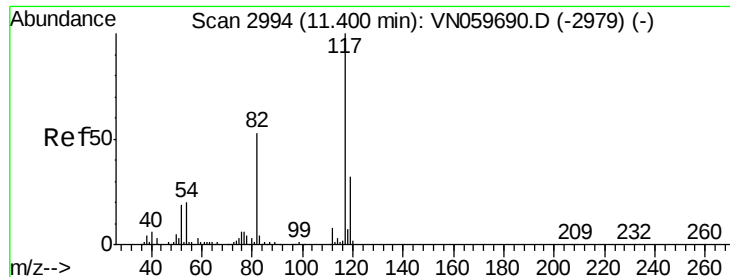
MMDadoda
 1/16/2020 10:57:02 AM



#62
 4-Bromofluorobenzene
 Concen: 50.527 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	151.4
176	85.2	0.0	146.0





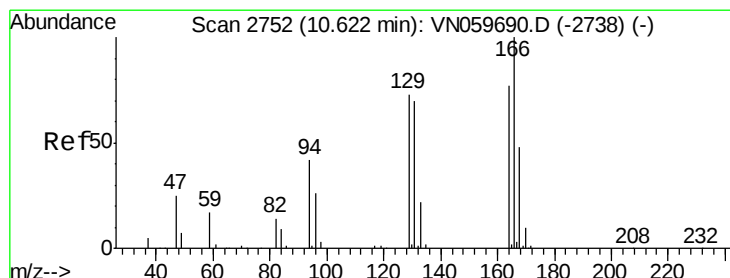
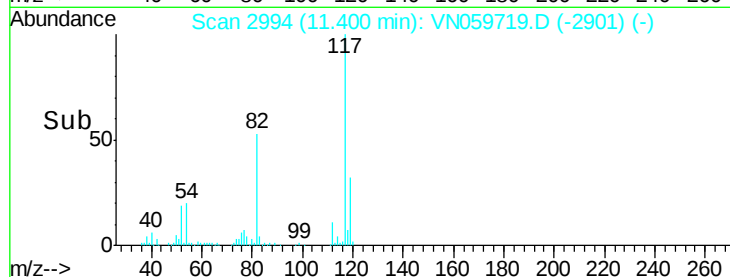
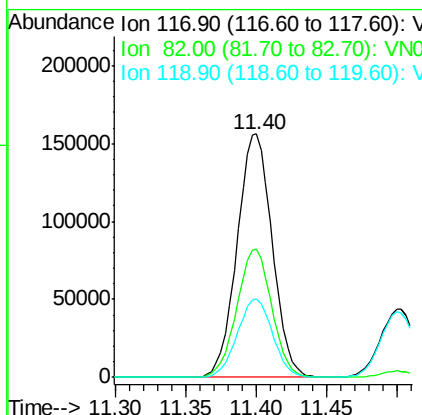
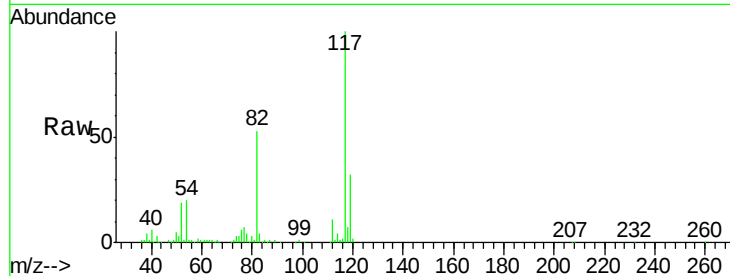
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	272687		
82	52.5	45.9	68.9	
119	32.5	25.5	38.3	

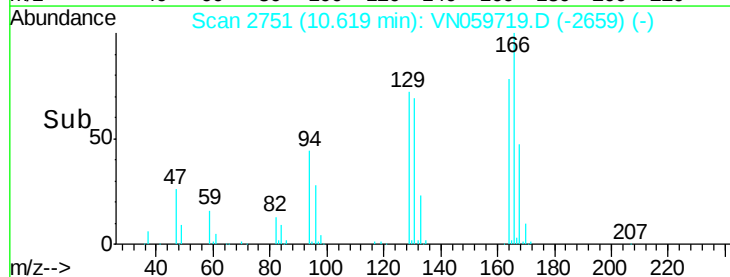
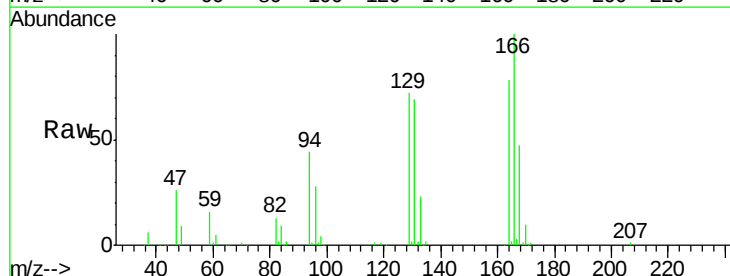
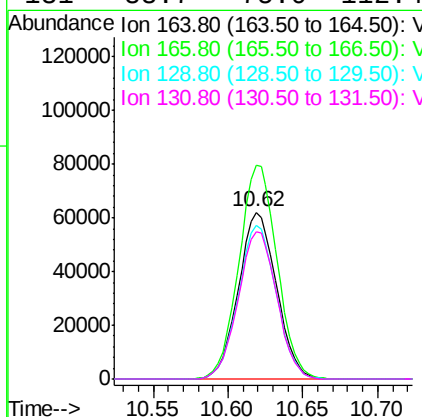
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#64
Tetrachloroethene
Concen: 49.324 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109618		
166	128.3	101.4	152.0	
129	92.5	80.2	120.4	
131	88.7	75.0	112.4	





#65

Chlorobenzene

Concen: 54.460 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 291891

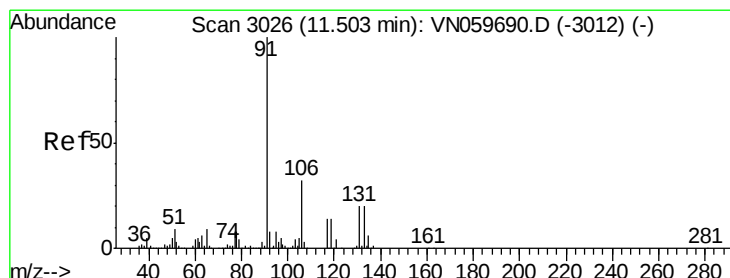
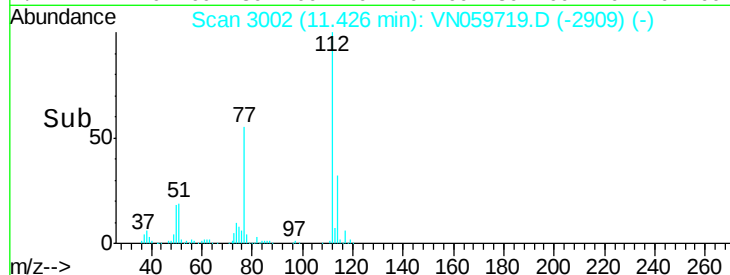
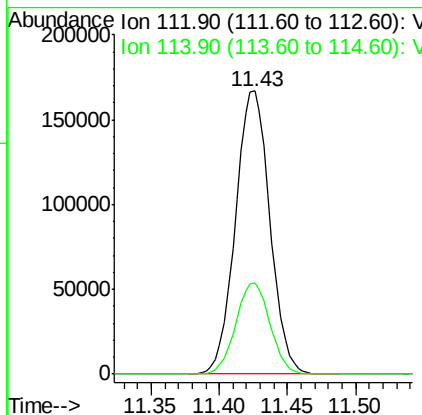
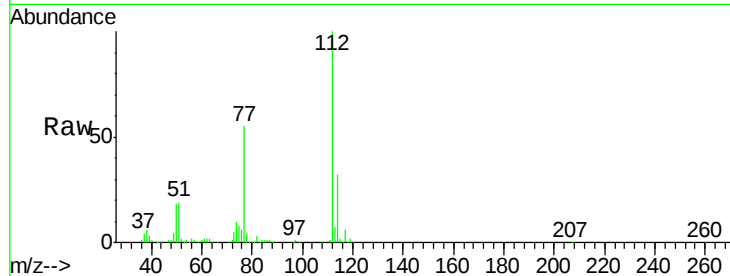
Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 54.592 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

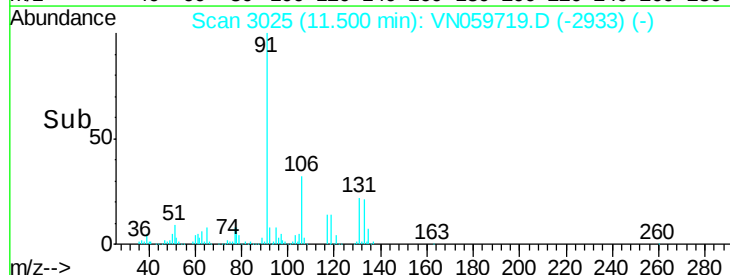
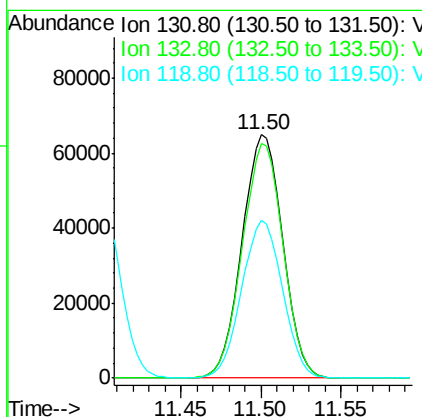
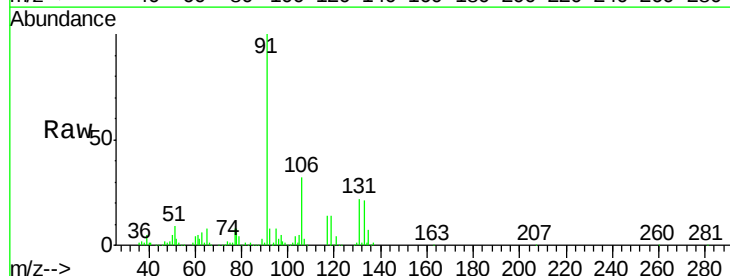
Tgt Ion:131 Resp: 113059

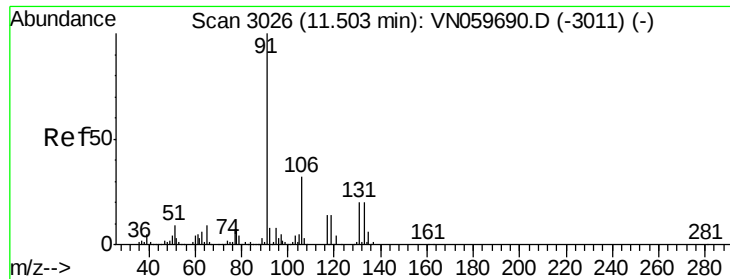
Ion Ratio Lower Upper

131 100

133 97.0 47.4 142.2

119 65.1 33.1 99.3





#67

Ethyl Benzene

Concen: 53.962 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 525036

Ion Ratio Lower Upper

91 100

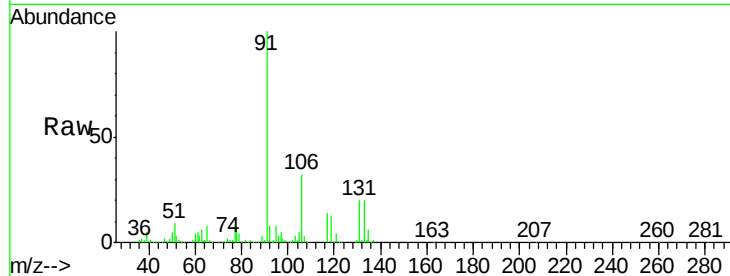
106 32.0 24.1 36.1

Manual Integrations

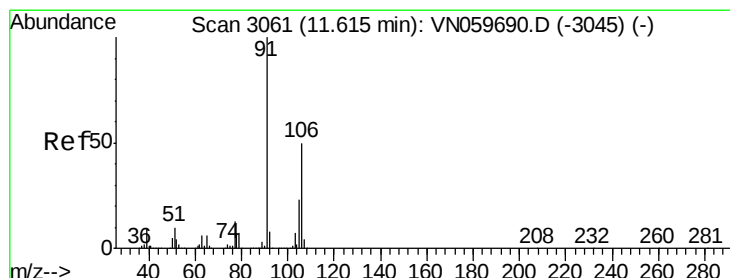
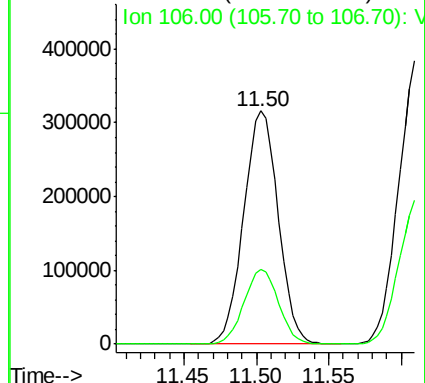
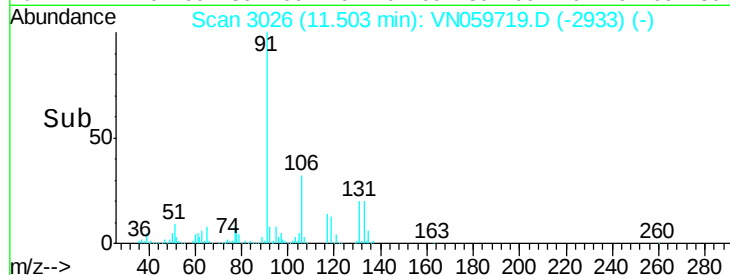
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Abundance Ion 91.00 (90.70 to 91.70): VN059719.D (-2933) (-)



#68

m/p-Xylenes

Concen: 109.951 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059719.D

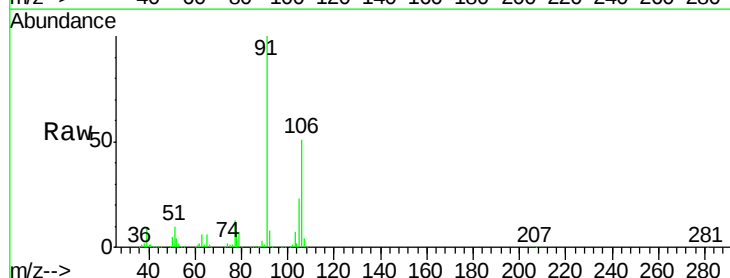
Acq: 15 Jan 2020 17:15

Tgt Ion: 106 Resp: 404102

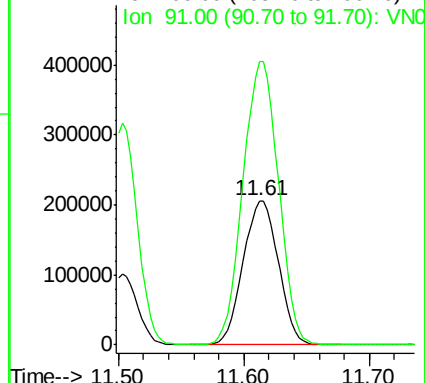
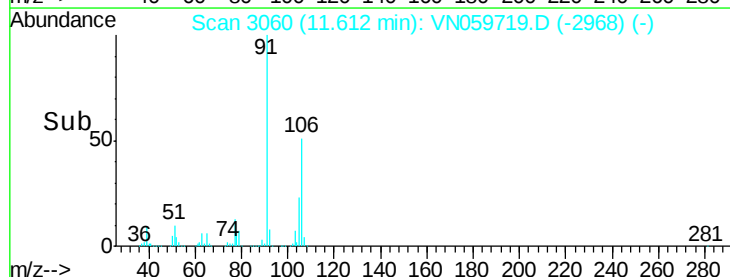
Ion Ratio Lower Upper

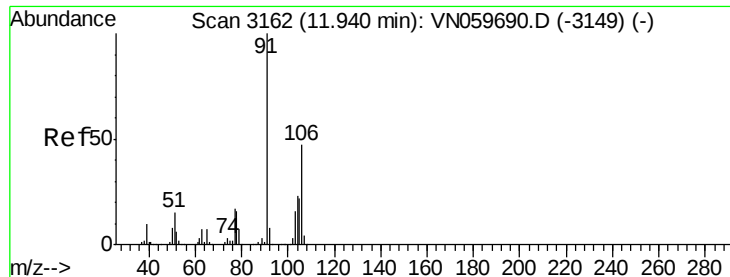
106 100

91 197.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059719.D (-2968) (-)





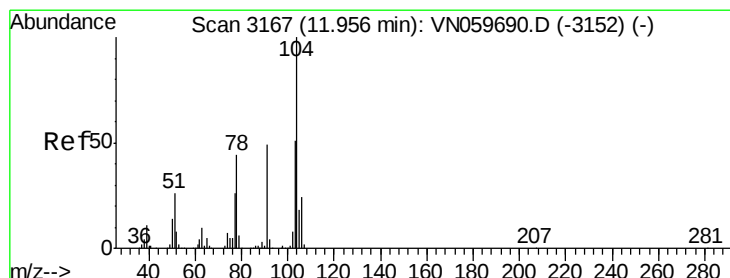
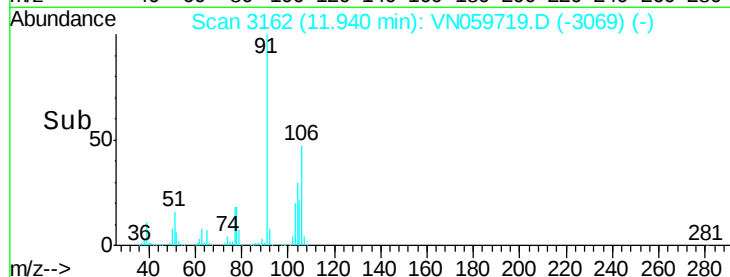
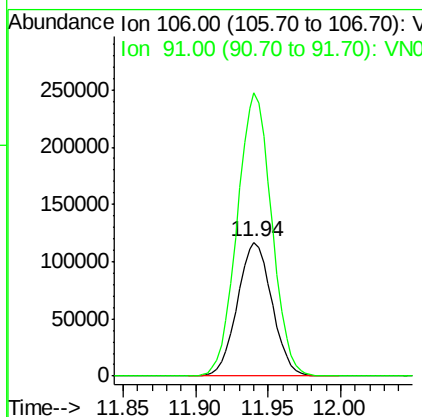
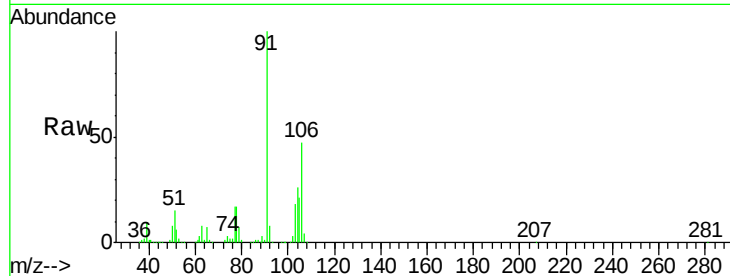
#69
o-Xylene
Concen: 53.800 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 193579
Ion Ratio Lower Upper
106 100
91 210.8 110.3 330.9

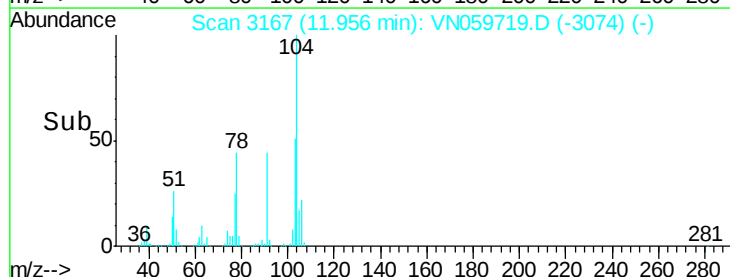
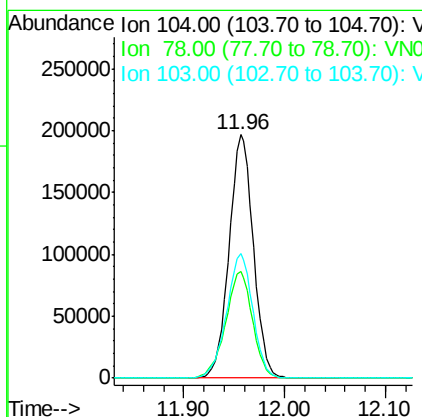
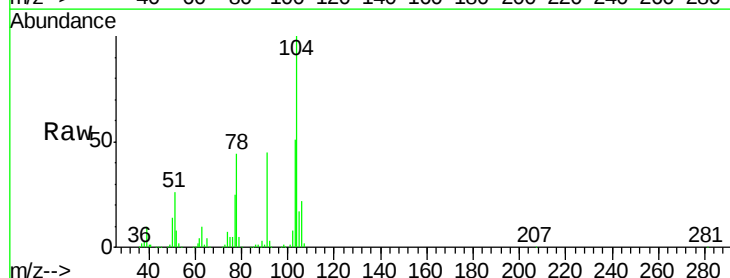
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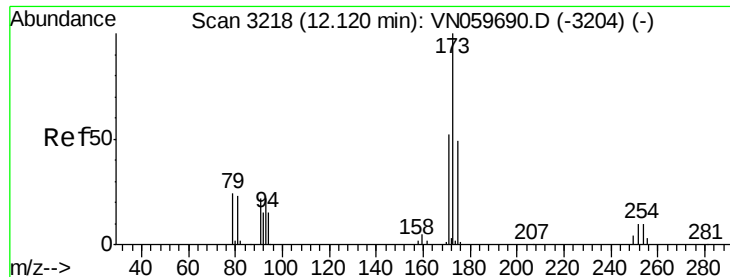
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#70
Styrene
Concen: 54.795 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion:104 Resp: 329919
Ion Ratio Lower Upper
104 100
78 48.4 42.4 63.6
103 55.3 43.9 65.9





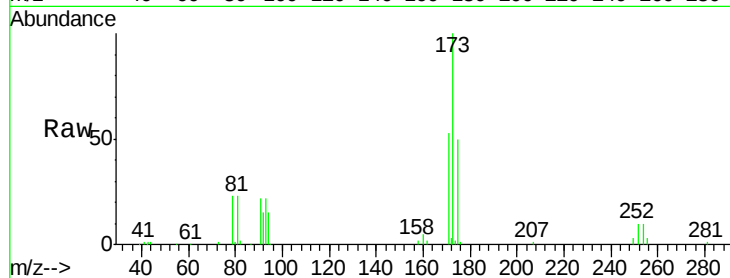
#71
Bromoform
Concen: 54.273 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

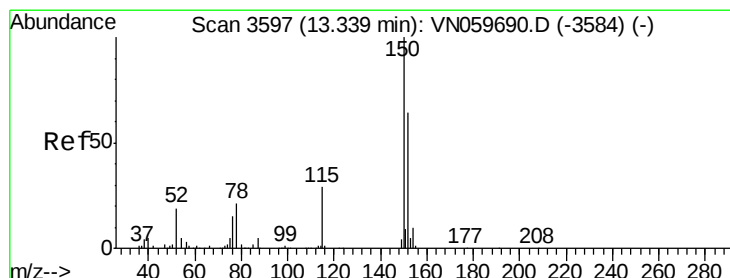
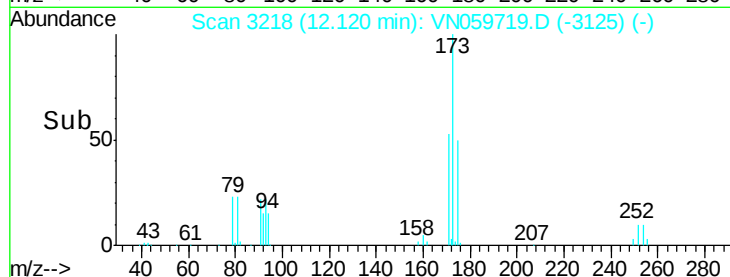
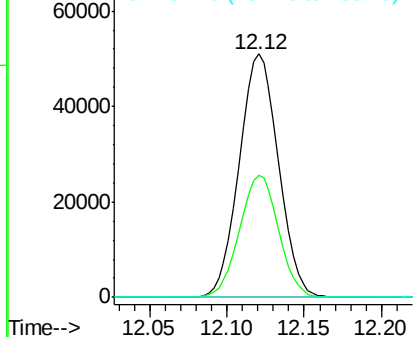
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.8	71.4
254	0.0	0.0	0.0

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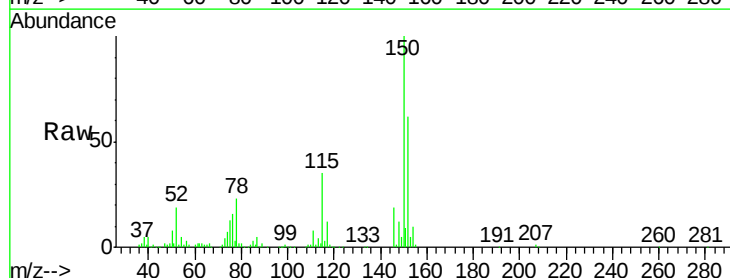


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

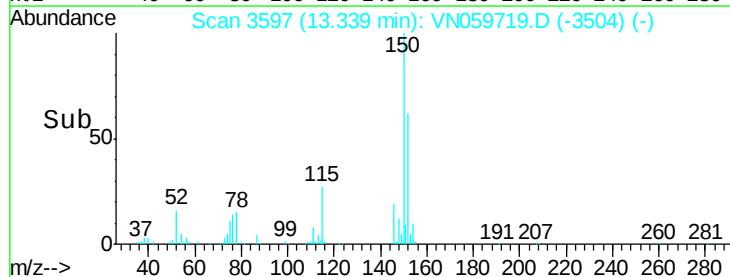
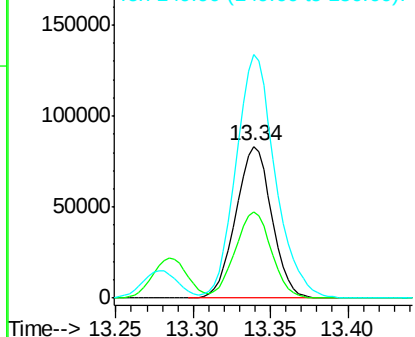


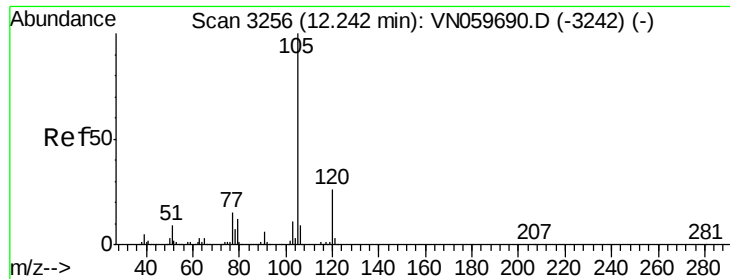
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	30.3	90.9
150	175.7	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





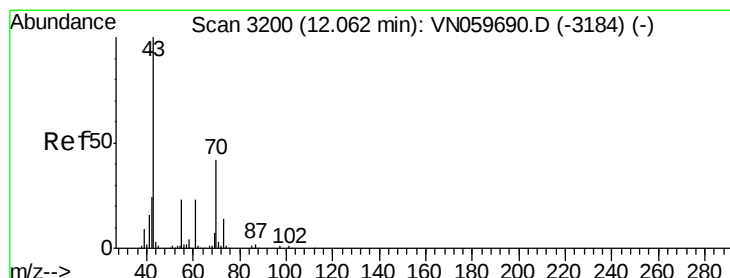
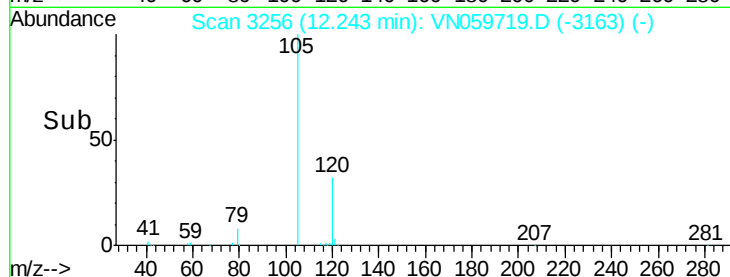
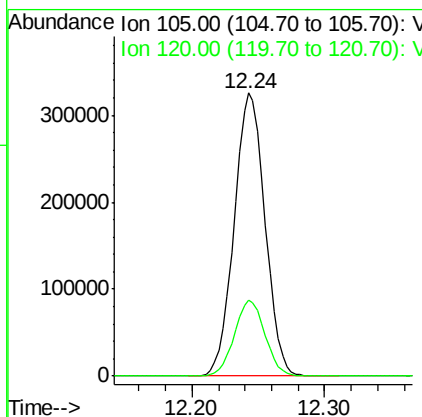
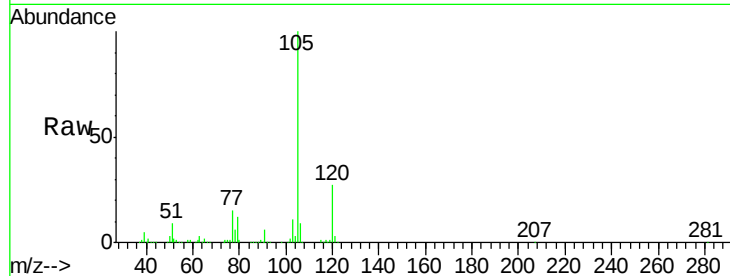
#73
Isopropylbenzene
Concen: 53.278 ug/l
RT: 12.24 min Scan# 3256
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.5

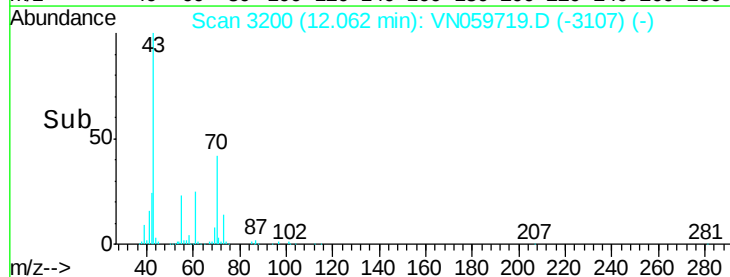
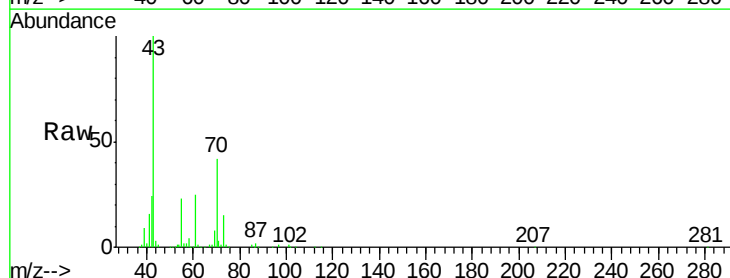
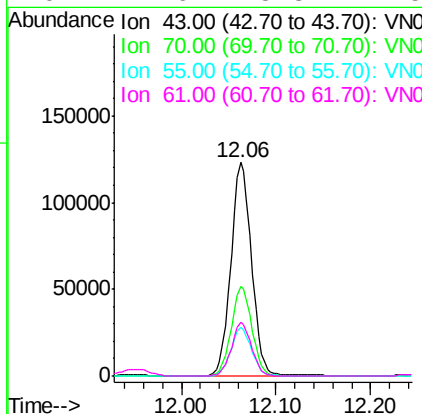
Manual Integrations
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1/16/2020 10:57:02 AM



#74
N-ethyl acetate
Concen: 48.653 ug/l
RT: 12.06 min Scan# 3200
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.2	31.3	46.9
55	23.0	19.8	29.6
61	24.6	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.427 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 143886

Ion Ratio Lower Upper

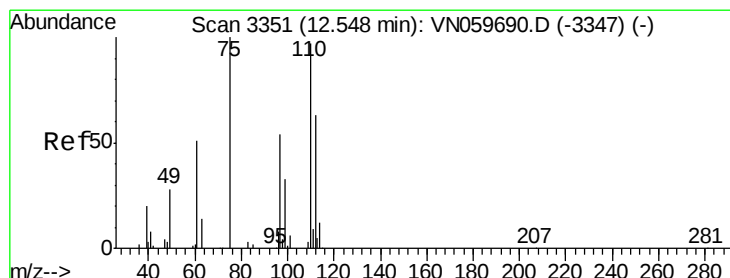
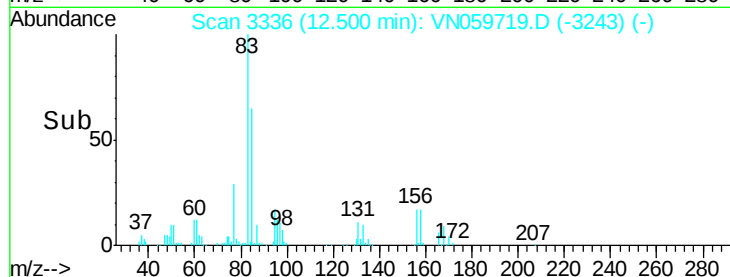
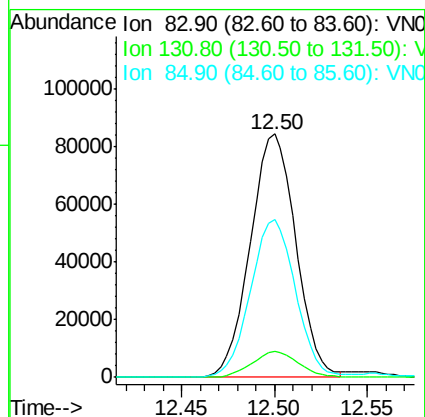
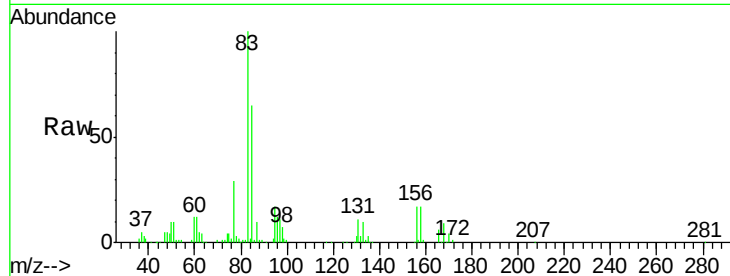
83 100

131 10.8 5.0 14.9

85 64.1 31.9 95.5

Manual Integrations
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1/16/2020 10:57:02 AM



#76

1,2,3-Trichloropropane

Concen: 59.831 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059719.D

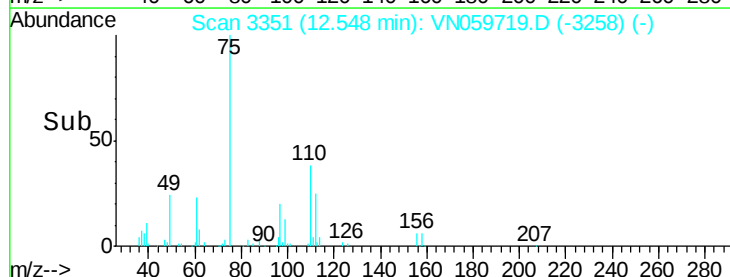
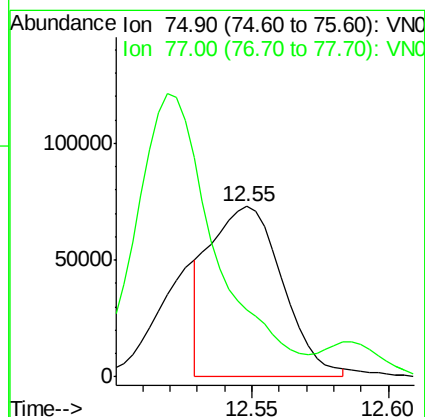
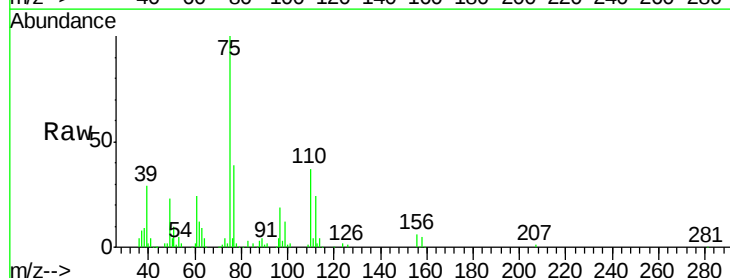
Acq: 15 Jan 2020 17:15

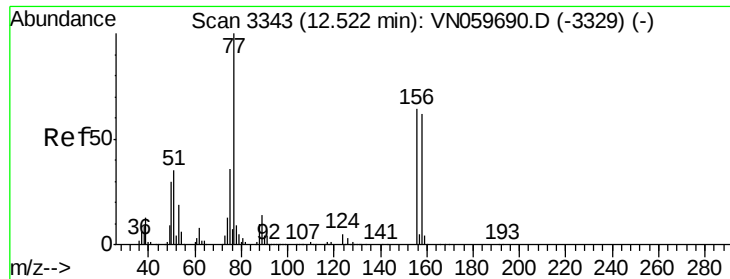
Tgt Ion: 75 Resp: 135131

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.424 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

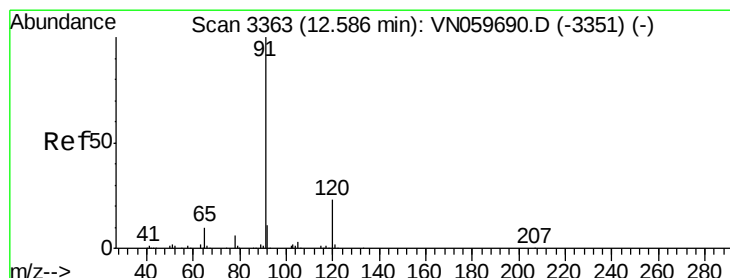
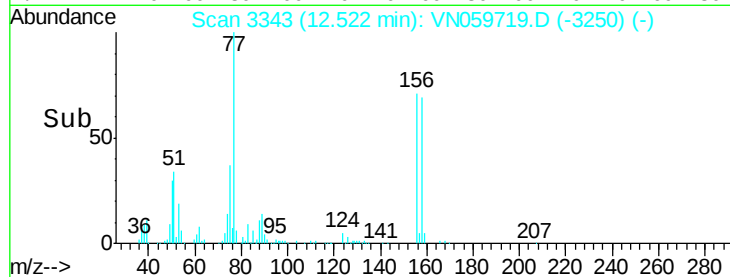
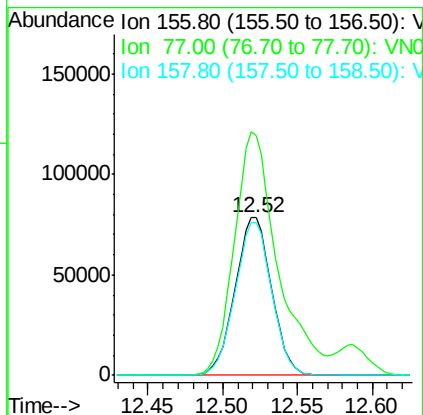
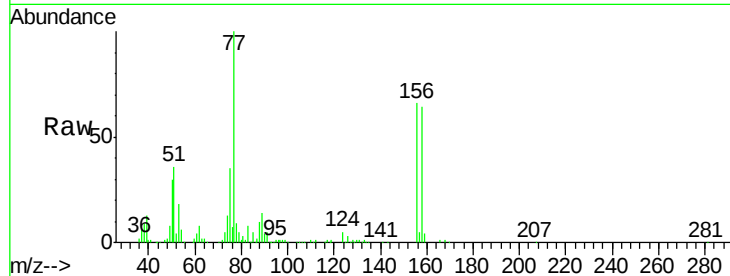
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	133161
Ion Ratio	Lower	Upper	
156	100		
77	184.4	115.8	347.4
158	97.1	49.2	147.6

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#78

n-propylbenzene

Concen: 53.780 ug/l

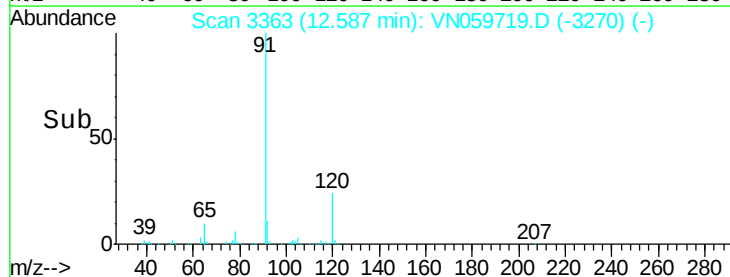
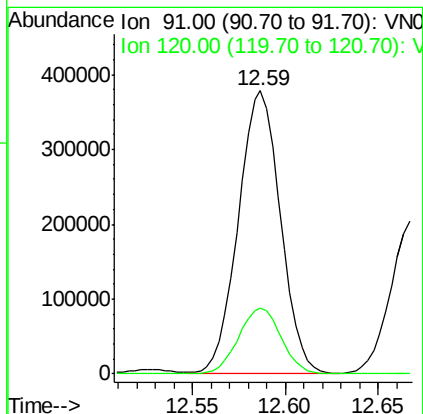
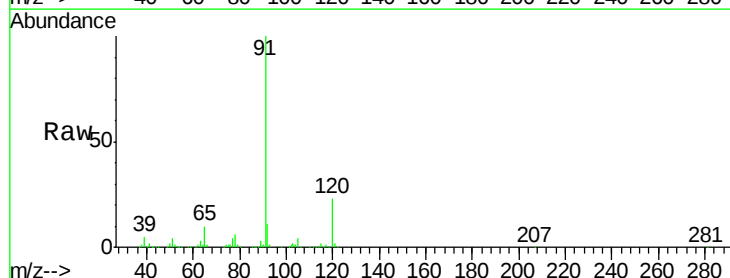
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion:	91	Resp:	594126
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.1	33.3





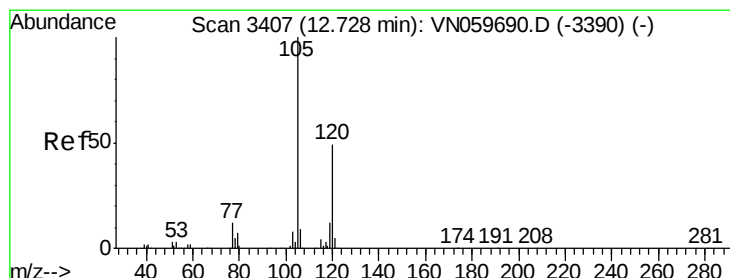
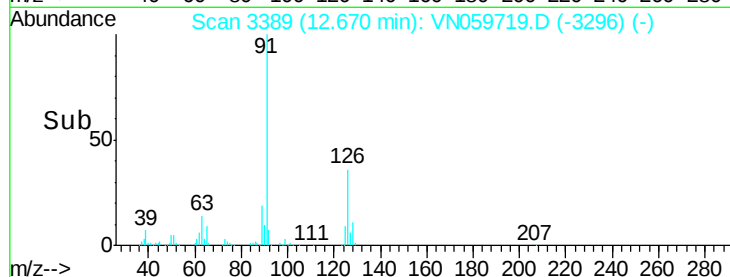
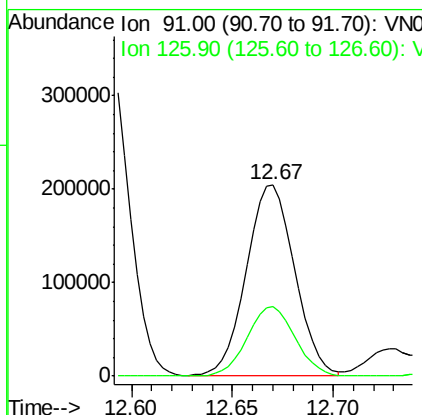
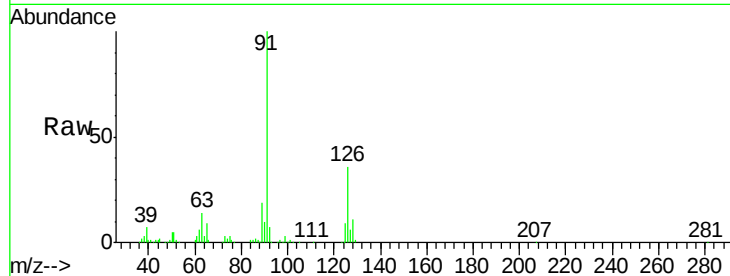
#79
 2-Chlorotoluene
 Concen: 52.003 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 341765
 Ion Ratio Lower Upper
 91 100
 126 36.2 16.3 48.9

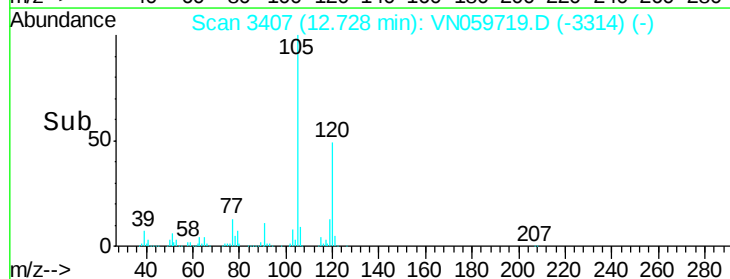
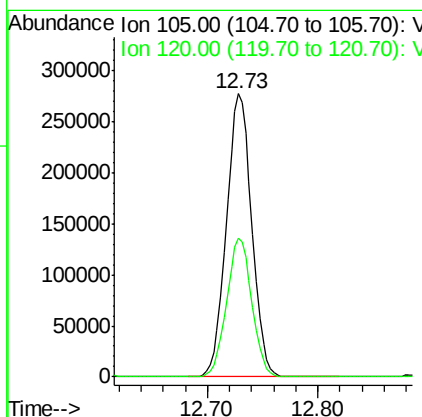
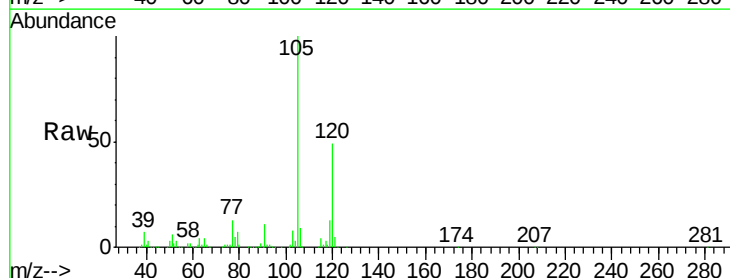
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.150 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion: 105 Resp: 439951
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.1 72.4





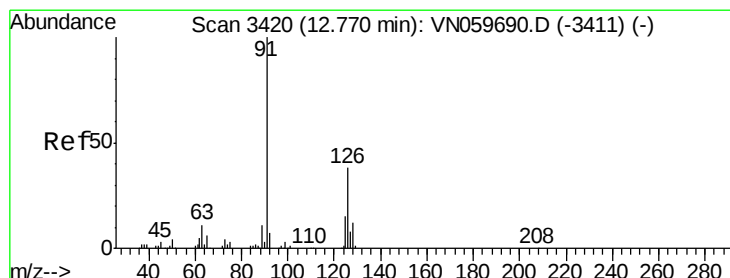
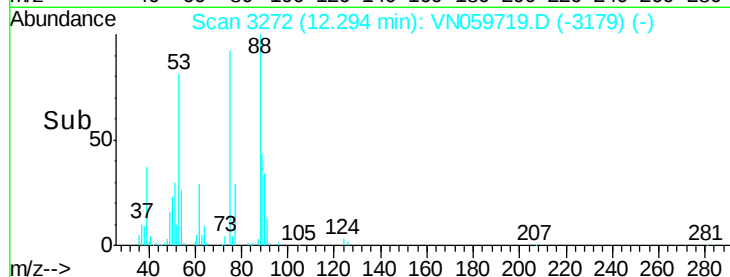
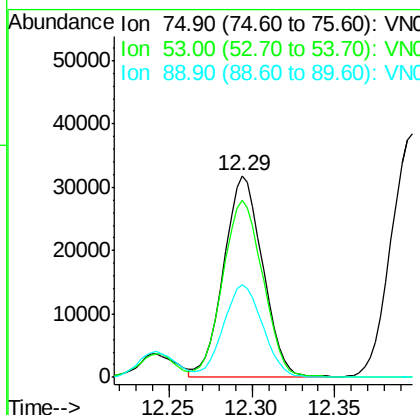
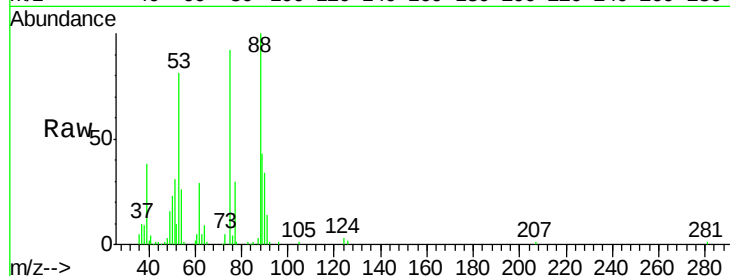
#81
trans-1,4-Dichloro-2-butene
Concen: 49.445 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.7	78.1	117.1
89	46.1	35.4	53.2

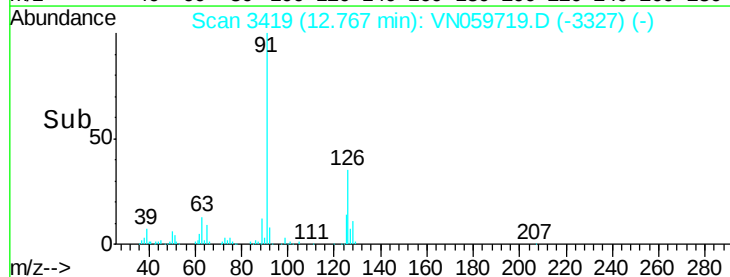
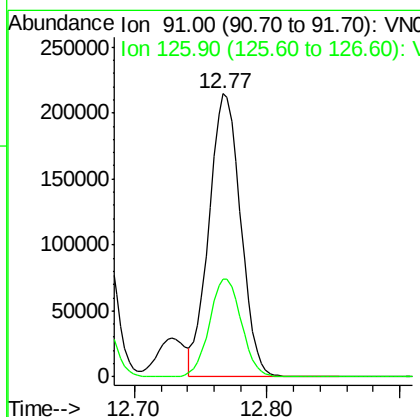
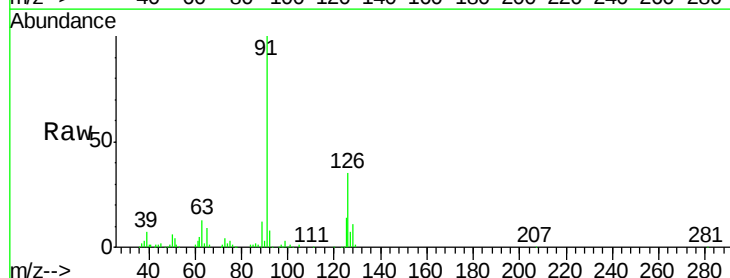
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#82
4-Chlorotoluene
Concen: 53.786 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.3	48.8





#83

tert-Butylbenzene

Concen: 52.899 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Instrument :

MSVOA_N

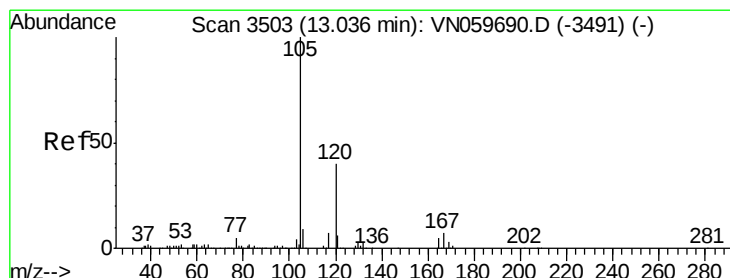
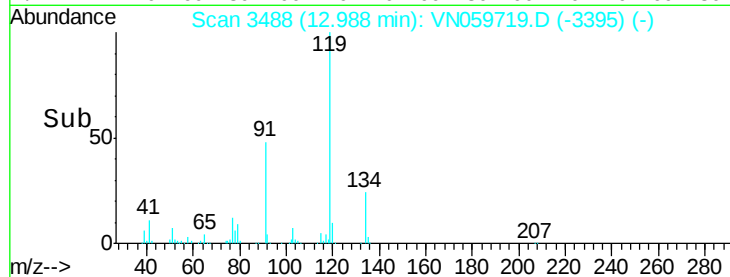
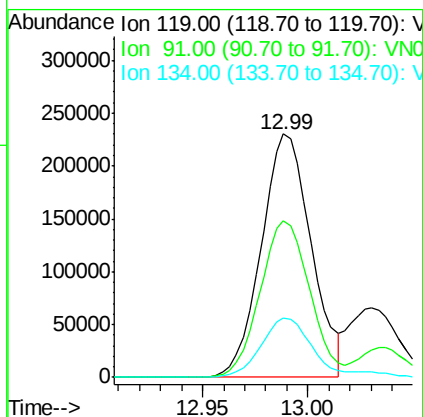
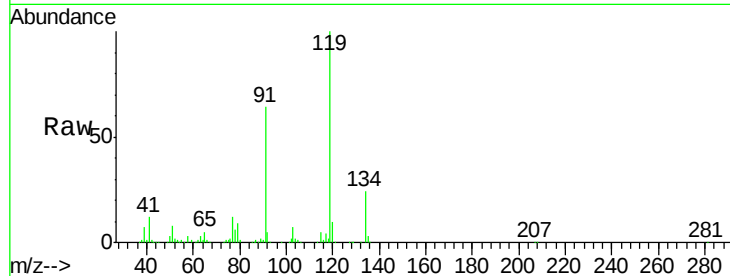
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	378711
Ion Ratio	Lower	Upper	
119	100		
91	64.1	34.8	104.4
134	26.2	12.3	36.9

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#84

1,2,4-Trimethylbenzene

Concen: 53.666 ug/l

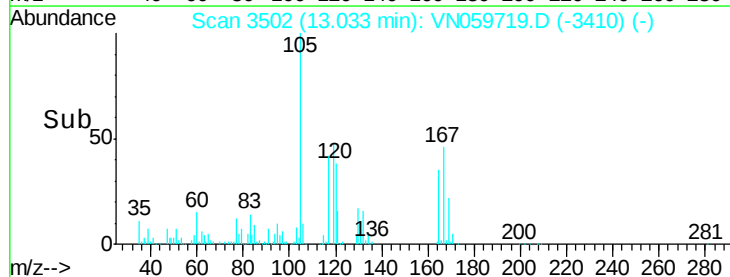
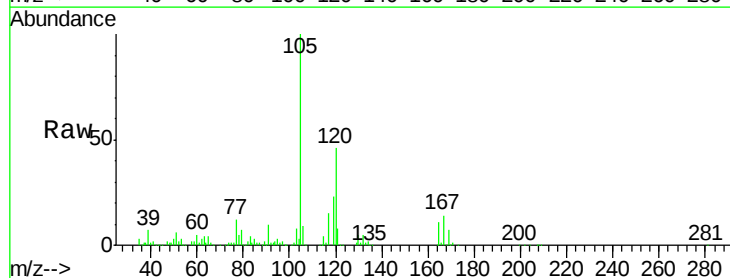
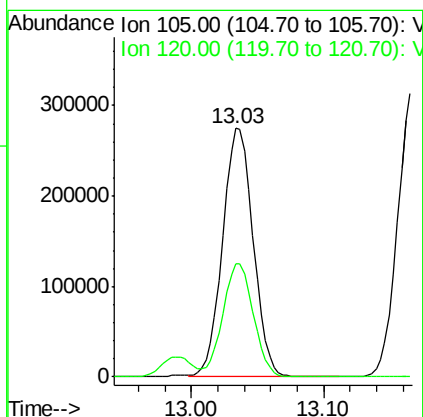
RT: 13.03 min Scan# 3502

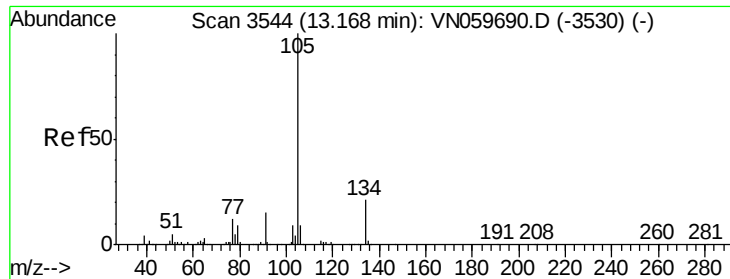
Delta R.T. -0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion:	105	Resp:	439483
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.3	66.9





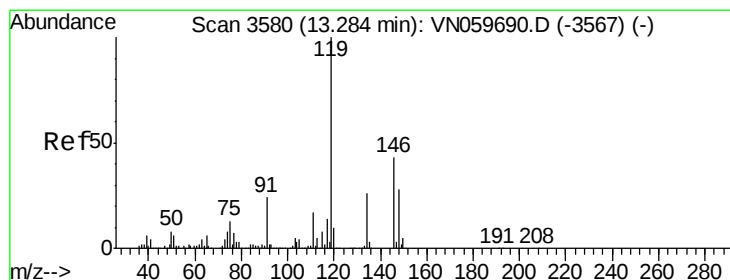
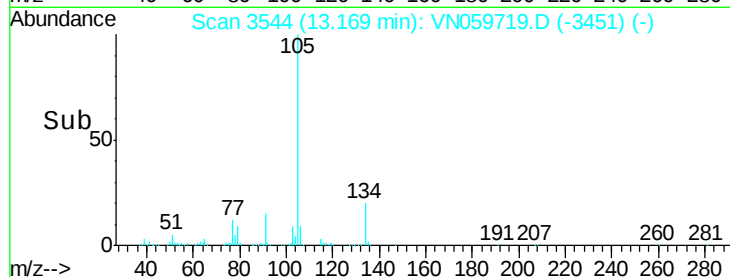
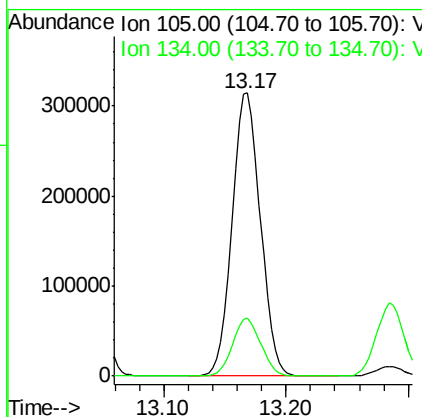
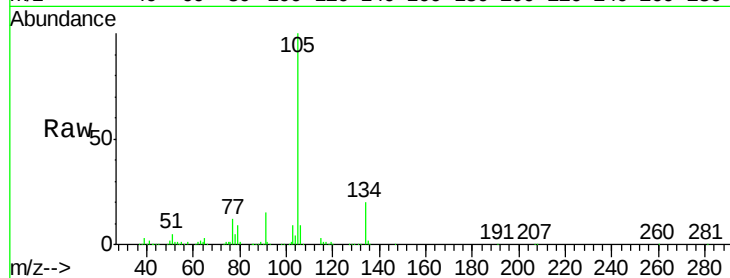
#85
 sec-Butylbenzene
 Concen: 53.794 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.5

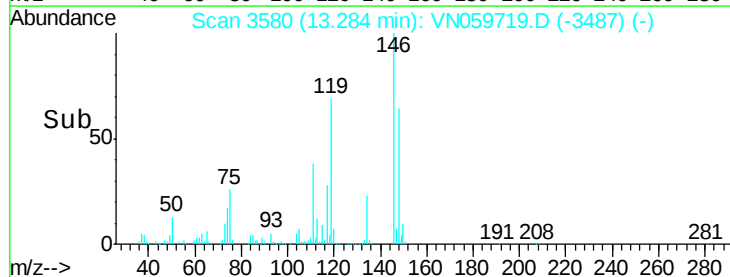
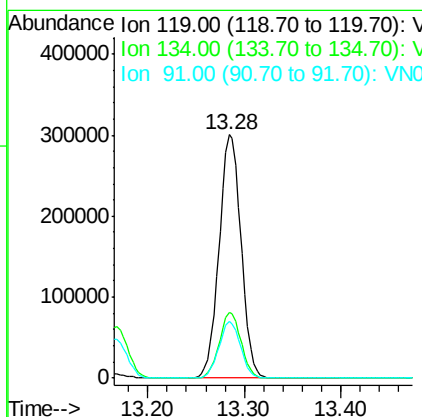
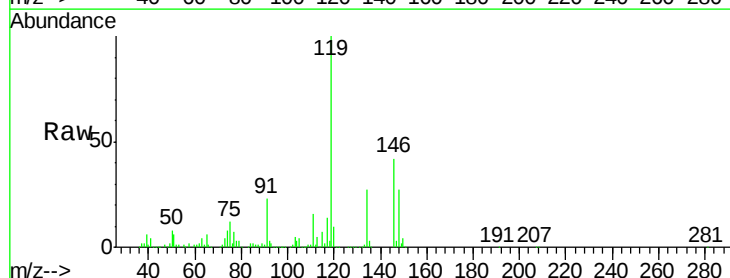
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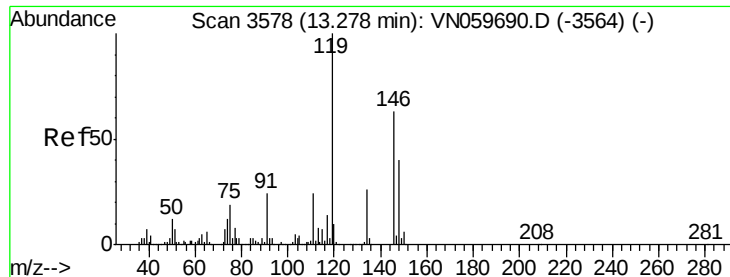
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#86
 p-Isopropyltoluene
 Concen: 54.365 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.9	38.7
91	22.7	12.4	37.4





#87

1,3-Dichlorobenzene

Concen: 54.754 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059719.D

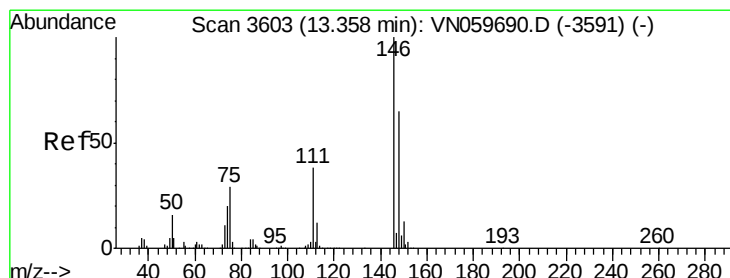
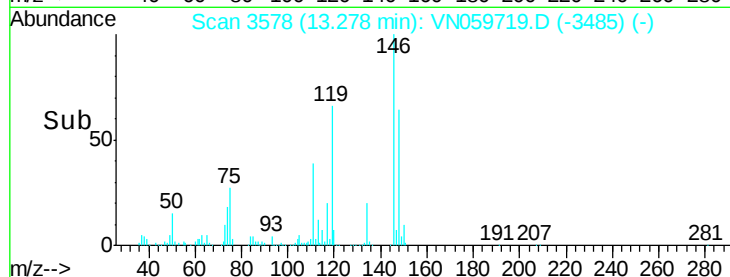
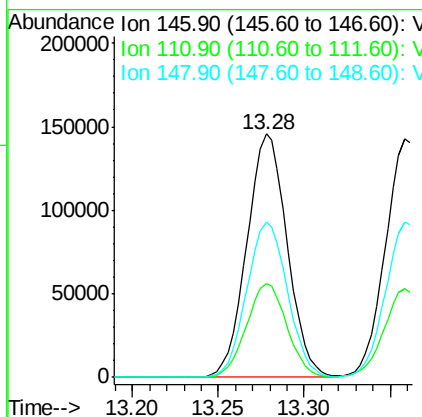
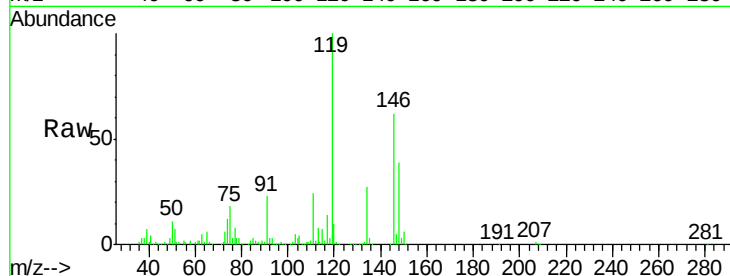
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.8	62.2
148	64.6	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 54.366 ug/l

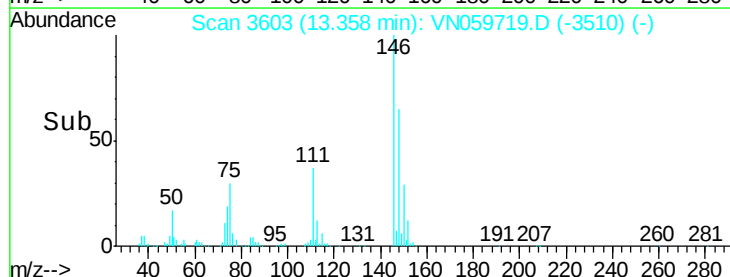
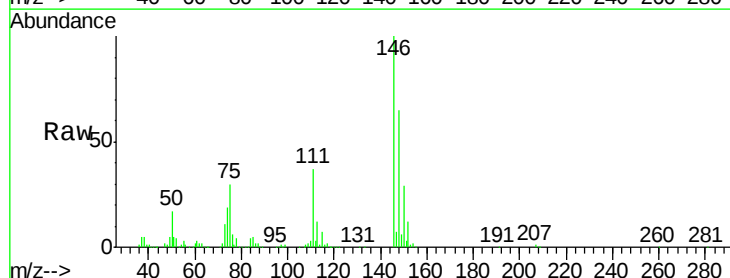
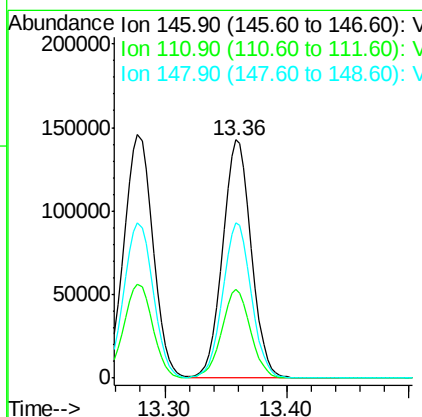
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059719.D

Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.8	62.2
148	65.1	31.8	95.4





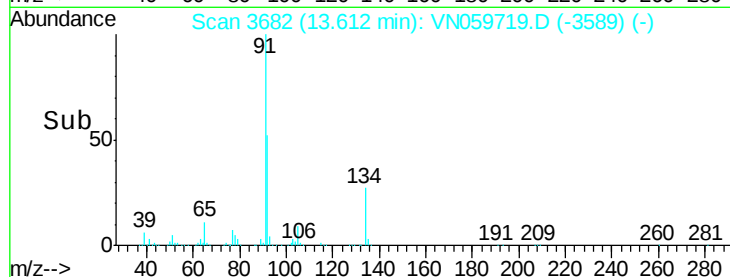
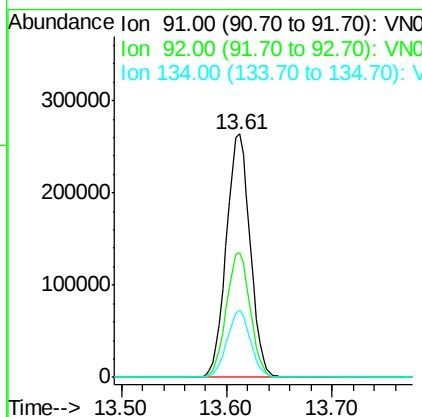
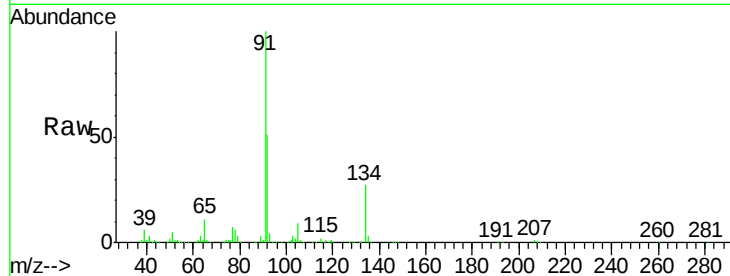
#89
n-Butylbenzene
Concen: 55.371 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.9	77.7
134	27.0	12.3	36.8

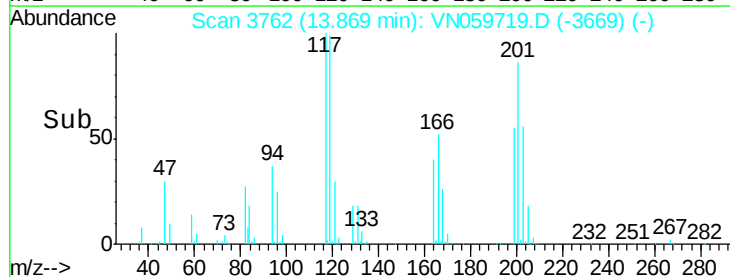
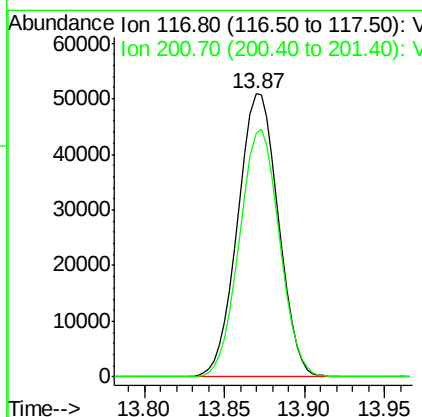
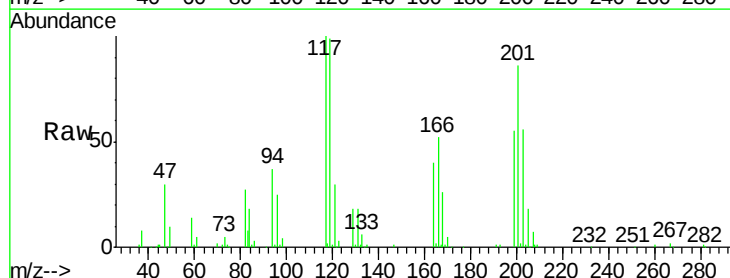
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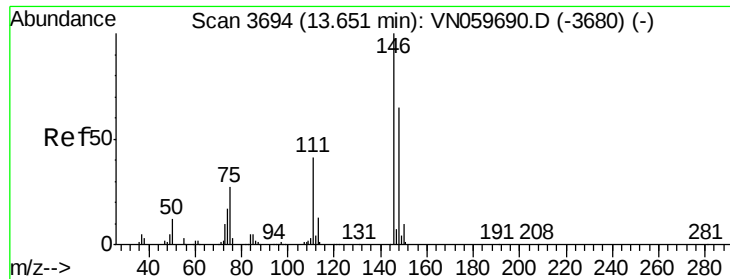
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#90
Hexachloroethane
Concen: 54.061 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	37.8	113.4





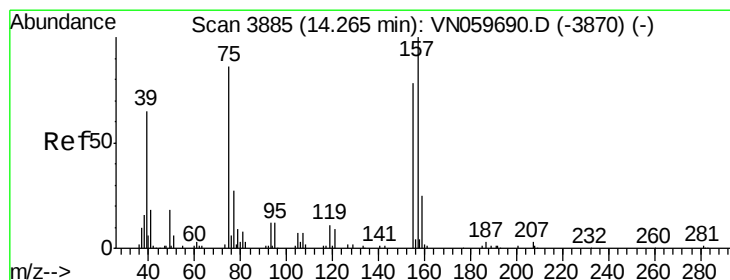
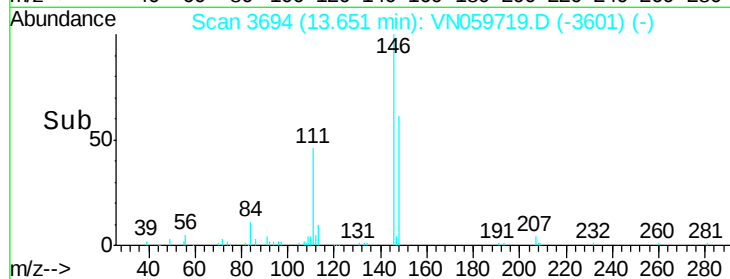
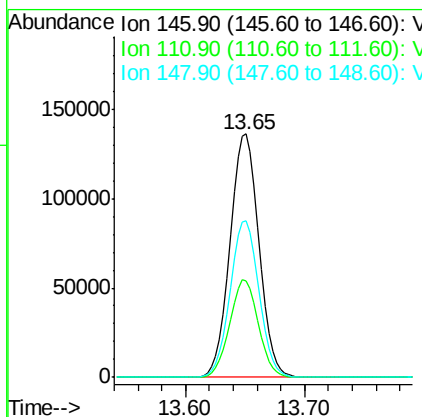
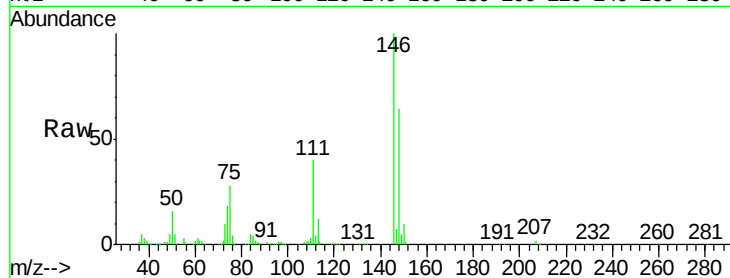
#91
 1,2-Dichlorobenzene
 Concen: 53.608 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.6	64.8
148	64.1	31.6	95.0

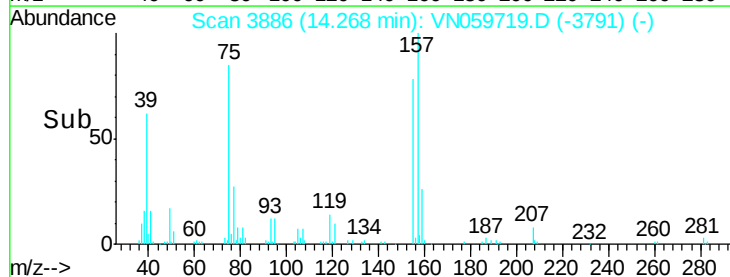
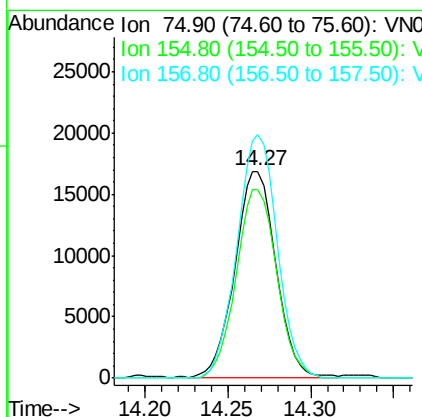
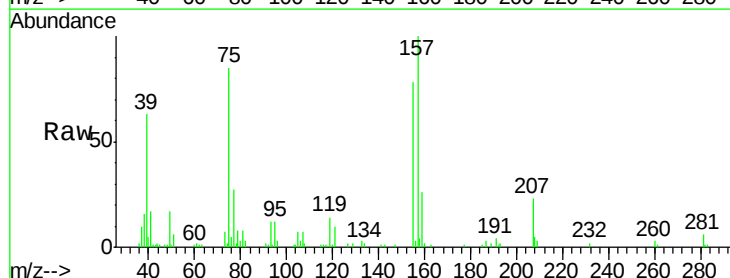
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.584 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	37.0	110.9
157	115.1	48.4	145.2





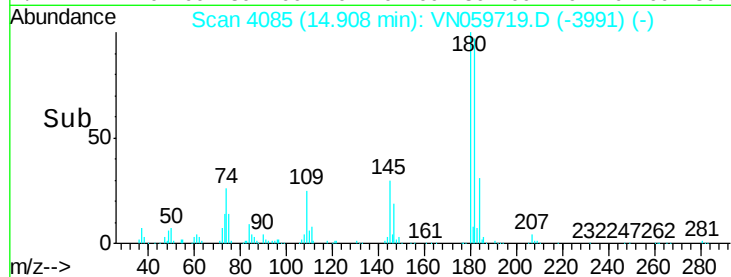
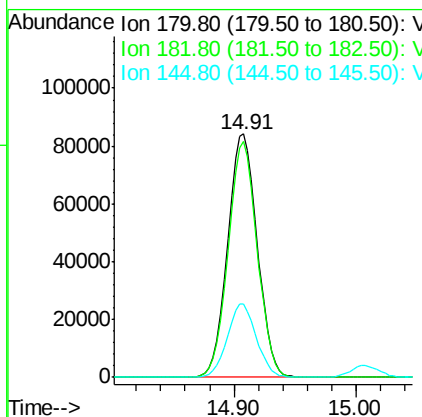
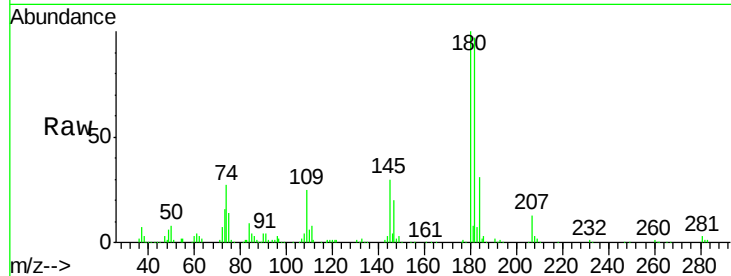
#93
 1,2,4-Trichlorobenzene
 Concen: 55.399 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142486		
182	94.7	46.9	140.7	
145	29.6	15.0	45.1	

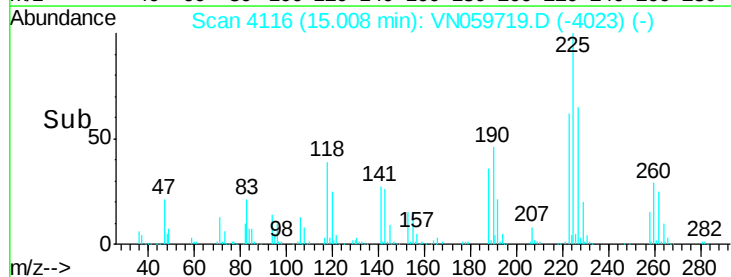
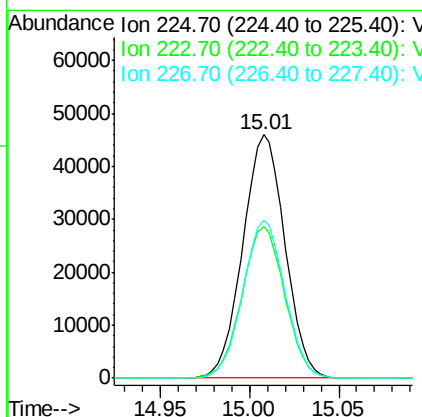
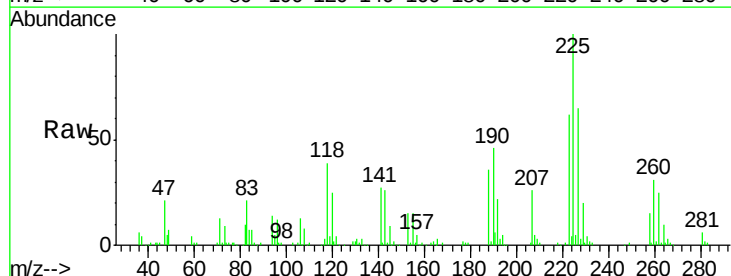
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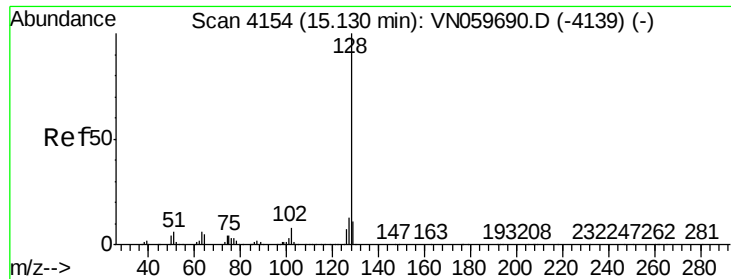
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#94
 Hexachlorobutadiene
 Concen: 53.567 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059719.D
 Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	75922		
223	62.8	31.8	95.3	
227	64.6	32.1	96.5	





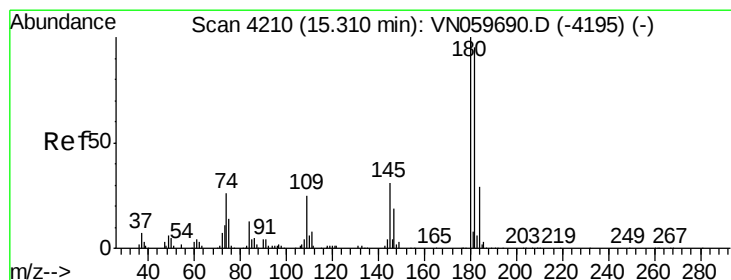
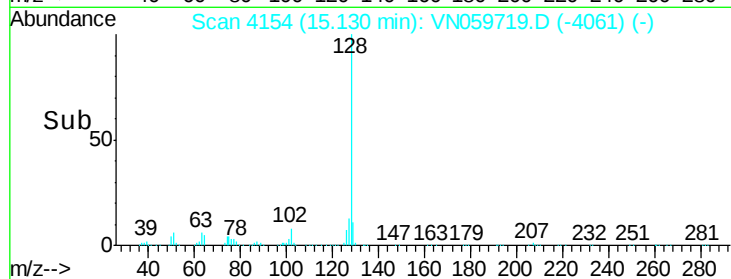
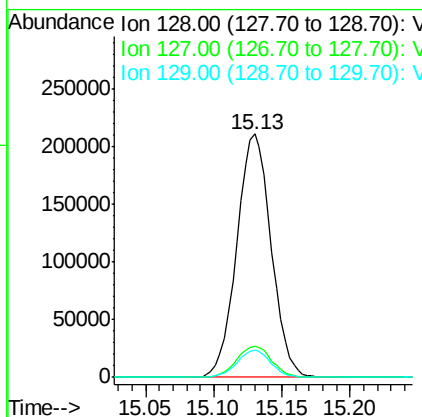
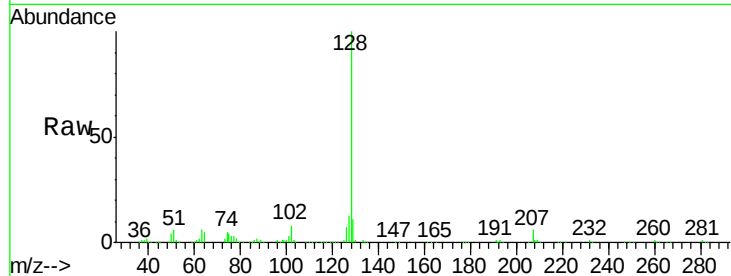
#95
Naphthalene
Concen: 50.266 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/16/2020 10:57:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.716 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059719.D
Acq: 15 Jan 2020 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	31.5	16.3	48.9

