

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011320\
 Data File : VN059693.D
 Acq On : 13 Jan 2020 17:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Manual Integrations
 APPROVED

MMDadoda
 1/14/2020 11:00:06 AM

Quant Time: Jan 14 09:10:27 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	205632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	108261	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	7.57	113	92707	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	10.08	98	354645	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.40	95	126855	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123105	50.786	ug/l	98
3) Chloromethane	2.04	50	114825	48.774	ug/l	98
4) Vinyl Chloride	2.17	62	140340	52.101	ug/l	97
5) Bromomethane	2.54	94	84189	51.215	ug/l	98
6) Chloroethane	2.68	64	64149	50.338	ug/l	97
7) Trichlorofluoromethane	3.00	101	162514	50.238	ug/l	100
8) Diethyl Ether	3.38	74	56967	50.180	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91281	50.700	ug/l	92
10) Methyl Iodide	3.93	142	144466	49.641	ug/l	95
11) Tert butyl alcohol	4.73	59	95275	247.834	ug/l	100
12) 1,1-Dichloroethene	3.72	96	92692	49.270	ug/l	90
13) Acrolein	3.58	56	52424	192.643	ug/l	100
14) Allyl chloride	4.29	41	127924	50.447	ug/l #	88
15) Acrylonitrile	4.94	53	224571	256.091	ug/l	99
16) Acetone	3.78	43	194761	250.058	ug/l	96
17) Carbon Disulfide	4.03	76	263892	49.240	ug/l	99
18) Methyl Acetate	4.29	43	132842	49.802	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	300866	49.050	ug/l	95
20) Methylene Chloride	4.52	84	102170	49.437	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	99951	49.980	ug/l	87
22) Diisopropyl ether	5.91	45	285201	49.630	ug/l	93
23) Vinyl Acetate	5.86	43	1126921	253.284	ug/l	95
24) 1,1-Dichloroethane	5.82	63	172070	49.005	ug/l	97
25) 2-Butanone	6.80	43	303097	234.380	ug/l	92
26) 2,2-Dichloropropane	6.79	77	163890	48.550	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	114514	49.786	ug/l	88
28) Bromochloromethane	7.17	49	70729	50.398	ug/l #	76
29) Tetrahydrofuran	7.18	42	195869	244.800	ug/l	89
30) Chloroform	7.35	83	180226	49.538	ug/l	99
31) Cyclohexane	7.63	56	157561	46.633	ug/l	91
32) 1,1,1-Trichloroethane	7.55	97	166680	49.550	ug/l	96
36) 1,1-Dichloropropene	7.77	75	135639	48.922	ug/l	96
37) Ethyl Acetate	6.90	43	124772	47.981	ug/l	95
38) Carbon Tetrachloride	7.75	117	148536	49.250	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	169394	49.550	ug/l	91
40) Benzene	8.02	78	400891	48.482	ug/l	100
41) Methacrylonitrile	7.15	41	63739m	49.763	ug/l	
42) 1,2-Dichloroethane	8.10	62	138854	49.528	ug/l	96
43) Isopropyl Acetate	8.14	43	217362	48.596	ug/l #	95
44) Trichloroethene	8.82	130	114397	50.678	ug/l	93
45) 1,2-Dichloropropane	9.10	63	101637	49.673	ug/l	99
46) Dibromomethane	9.19	93	70946	49.154	ug/l	90
47) Bromodichloromethane	9.39	83	143325	49.276	ug/l	98
48) Methyl methacrylate	9.18	41	98646	49.306	ug/l	91
49) 1,4-Dioxane	9.18	88	37443	1022.318	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	636874	246.314	ug/l	96
52) Toluene	10.14	92	257809	49.361	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	164479	50.645	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	172404	50.452	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	100332	48.502	ug/l	97
56) Ethyl methacrylate	10.42	69	159098	50.334	ug/l	92
57) 1,3-Dichloropropane	10.70	76	165464	50.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	242176	254.373	ug/l	92
59) 2-Hexanone	10.74	43	477600	250.730	ug/l	94
60) Dibromochloromethane	10.89	129	117363	49.822	ug/l	99
61) 1,2-Dibromoethane	10.99	107	108313	49.957	ug/l	99
64) Tetrachloroethene	10.62	164	102831	43.911	ug/l	96
65) Chlorobenzene	11.43	112	279883	49.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	107693	49.350	ug/l	99
67) Ethyl Benzene	11.50	91	503884	49.149	ug/l	98
68) m/p-Xylenes	11.62	106	383587	99.049	ug/l	94
69) o-Xylene	11.94	106	185160	48.837	ug/l	95
70) Styrene	11.96	104	317461	50.039	ug/l	97
71) Bromoform	12.12	173	89628	51.275	ug/l #	99
73) Isopropylbenzene	12.25	105	502362	48.431	ug/l	100
74) N-amyl acetate	12.06	43	196917	48.924	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	145026	48.228	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	131611m	55.294	ug/l	
77) Bromobenzene	12.52	156	127606	48.579	ug/l	83
78) n-propylbenzene	12.59	91	570054	48.964	ug/l	97
79) 2-Chlorotoluene	12.67	91	329397	47.559	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	419466	48.085	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	55816	50.359	ug/l	93
82) 4-Chlorotoluene	12.77	91	342289	49.272	ug/l	97
83) tert-Butylbenzene	12.99	119	365504	48.445	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	416694	48.283	ug/l	98
85) sec-Butylbenzene	13.17	105	481315	48.556	ug/l	98
86) p-Isopropyltoluene	13.28	119	446536	48.684	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	225388	49.396	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	223911	49.190	ug/l	97
89) n-Butylbenzene	13.61	91	389778	49.840	ug/l	99
90) Hexachloroethane	13.87	117	83500	48.657	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	220831	48.955	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31927	49.443	ug/l	79

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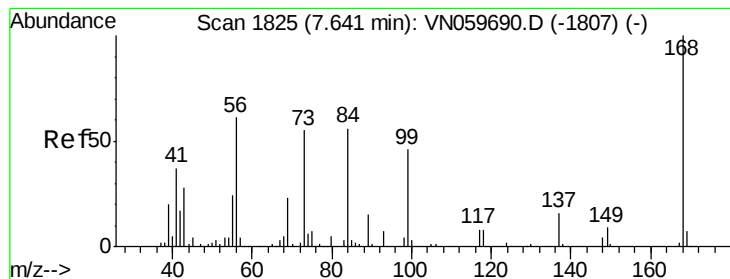
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	140854	51.966	ug/l	99
94) Hexachlorobutadiene	15.01	225	74559	49.917	ug/l	99
95) Naphthalene	15.13	128	400551	51.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	134721	51.063	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion:168 Resp: 205632

Ion Ratio Lower Upper

168 100

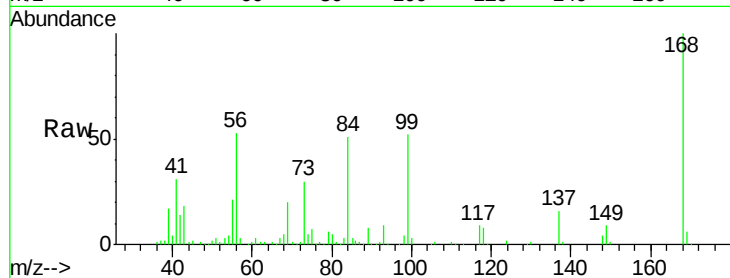
99 51.6 48.2 72.4

Manual Integrations

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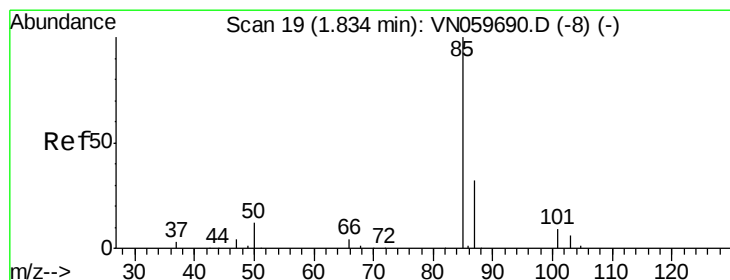
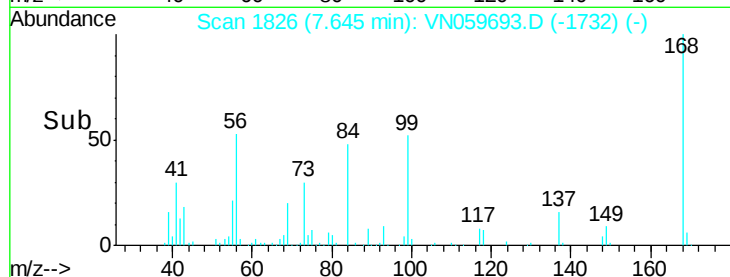
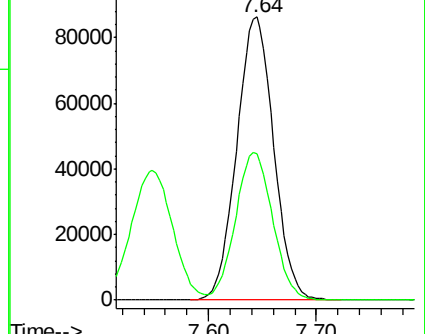
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 50.786 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059693.D

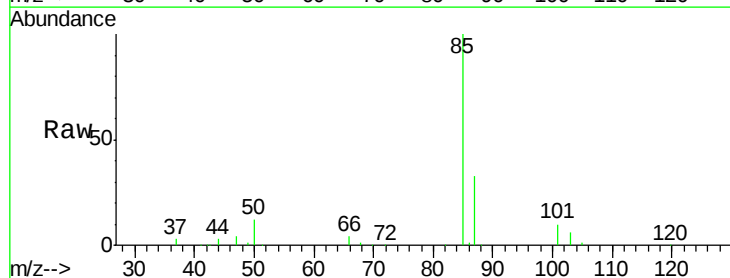
Acq: 13 Jan 2020 17:39

Tgt Ion: 85 Resp: 123105

Ion Ratio Lower Upper

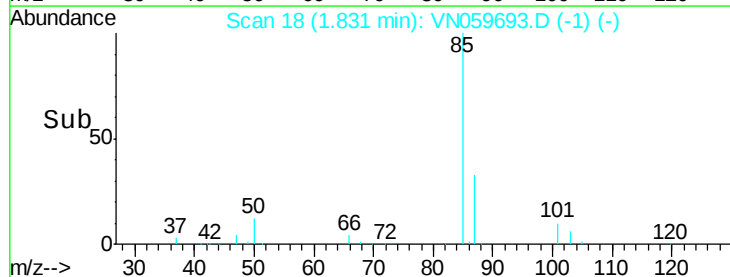
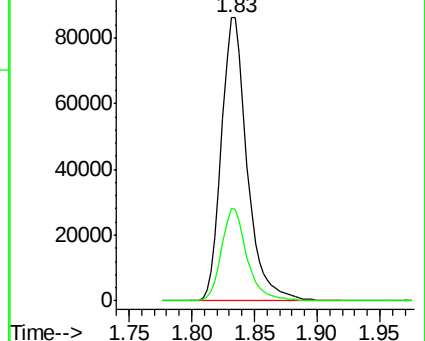
85 100

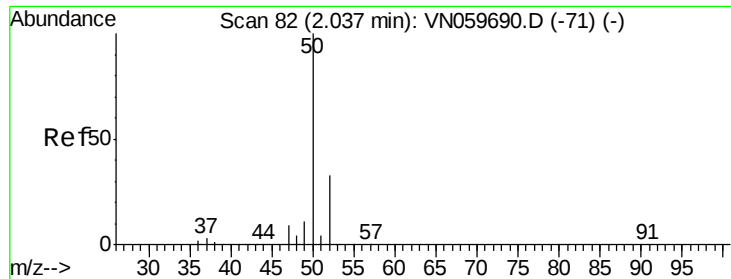
87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 48.774 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion: 50 Resp: 114825

Ion Ratio Lower Upper

50 100

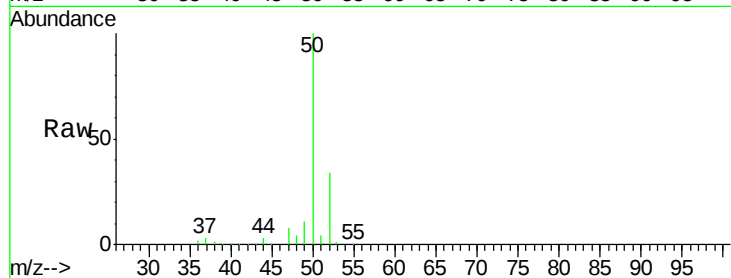
52 33.6 25.9 38.9

Manual Integrations

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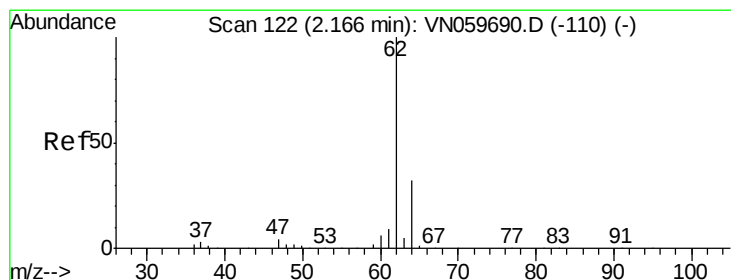
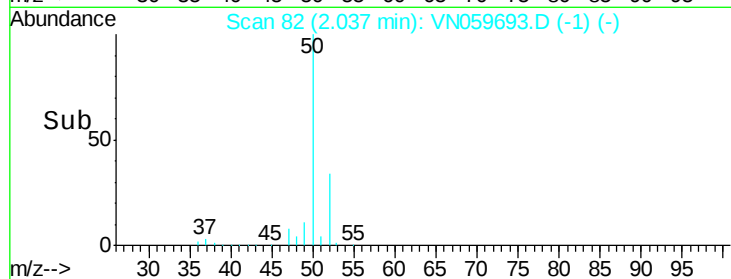
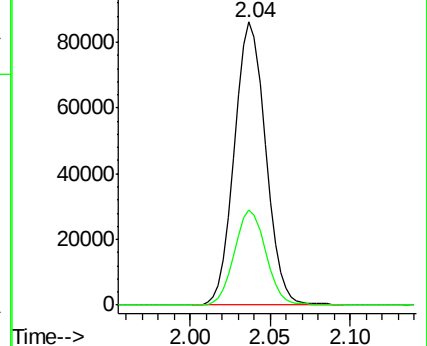
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 52.101 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059693.D

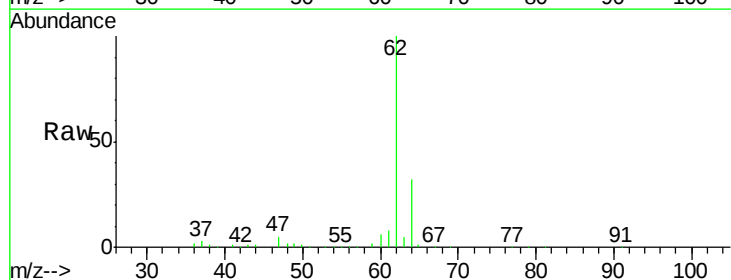
Acq: 13 Jan 2020 17:39

Tgt Ion: 62 Resp: 140340

Ion Ratio Lower Upper

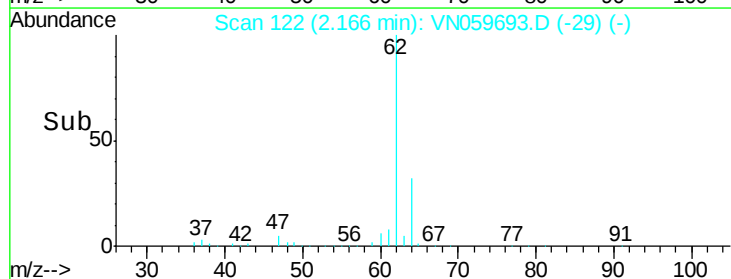
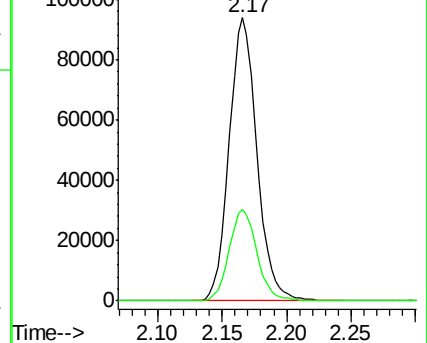
62 100

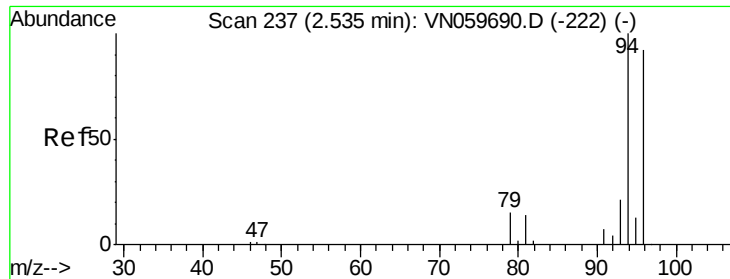
64 32.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 51.215 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

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ClientSampleId :

ICVVN011320

Tot Ion: 94 Resp: 84189

Ion Ratio Lower Upper

94 100

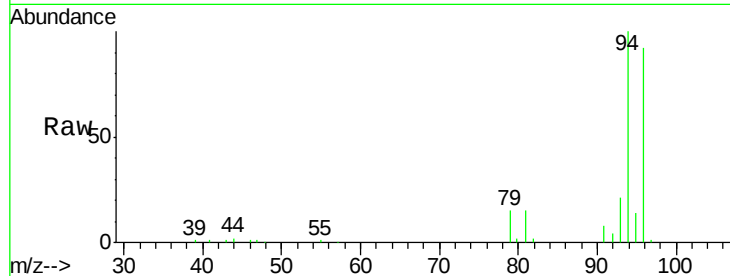
96 91.9 74.7 112.1

Manual Integrations

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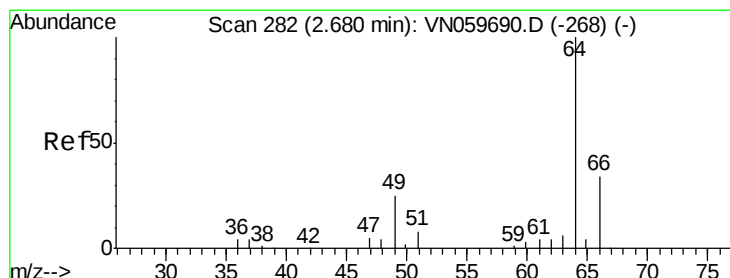
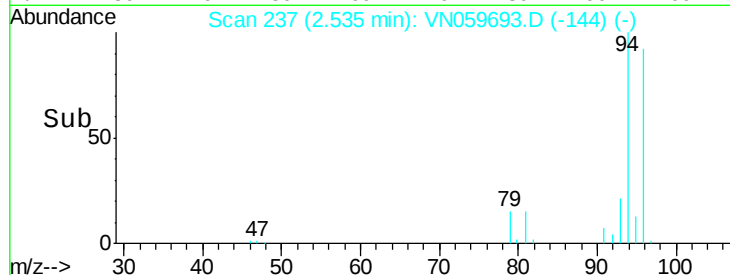
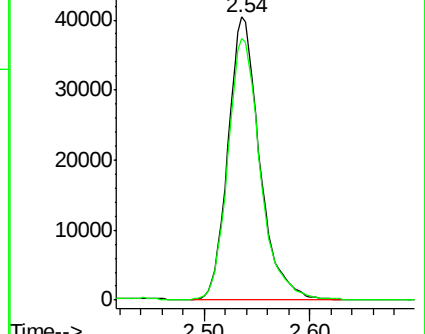
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.338 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059693.D

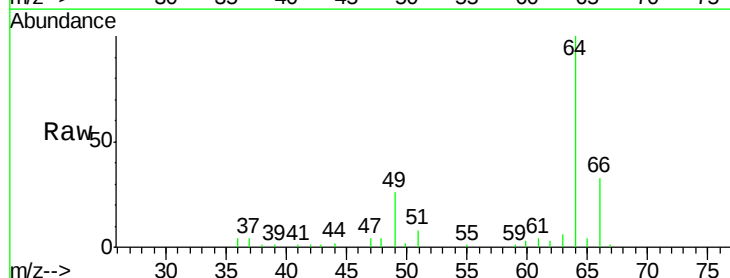
Acq: 13 Jan 2020 17:39

Tgt Ion: 64 Resp: 64149

Ion Ratio Lower Upper

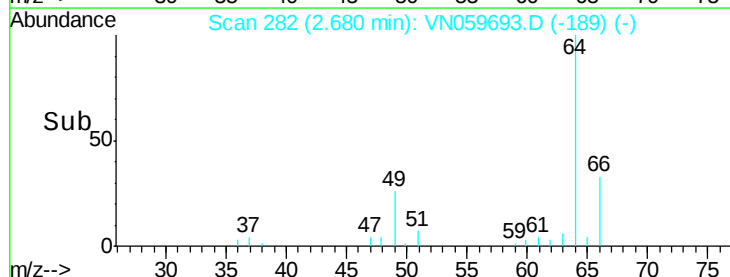
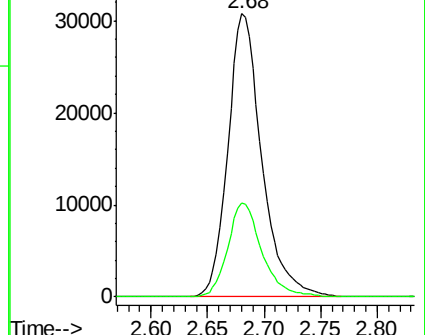
64 100

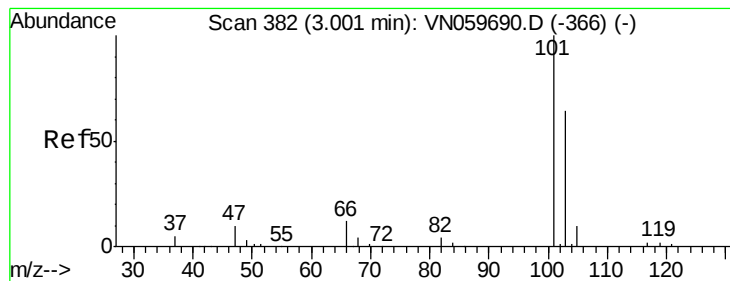
66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

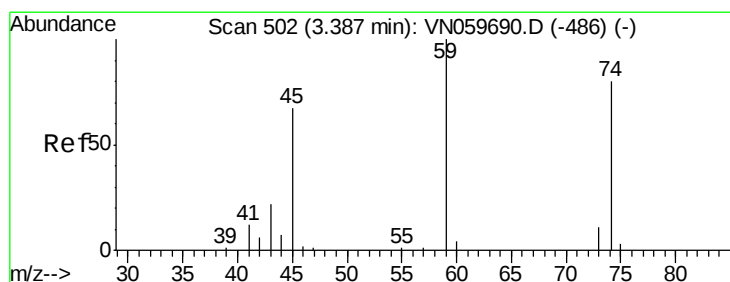
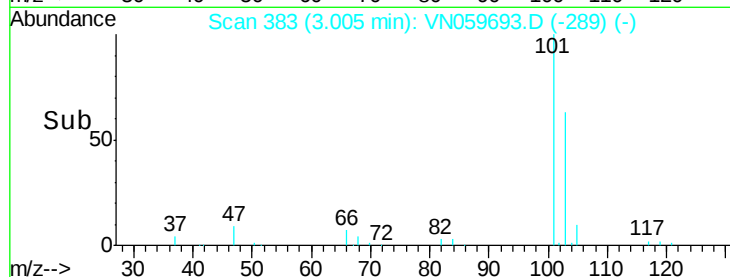
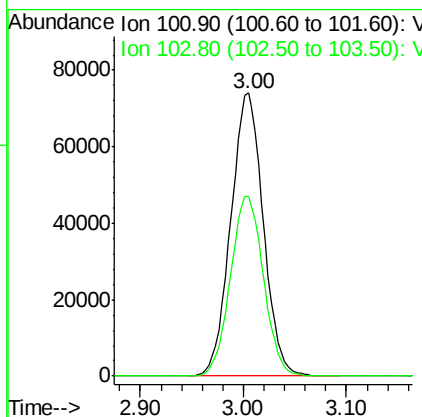
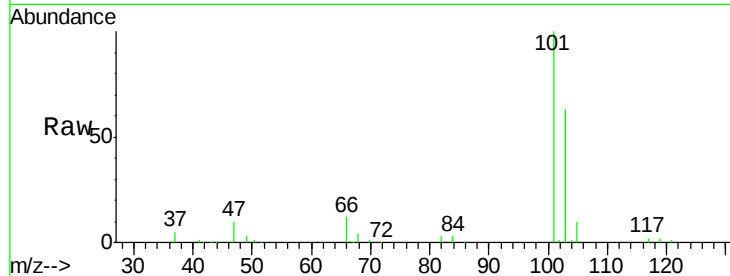
Trichlorofluoromethane
Concen: 50.238 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.6

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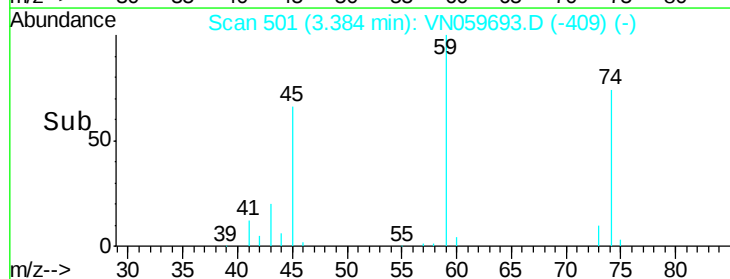
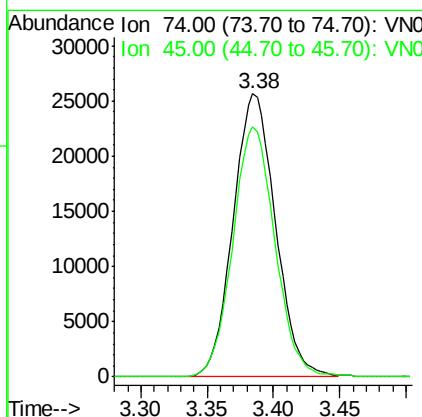
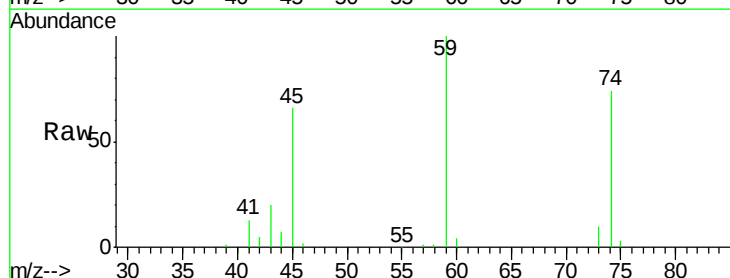
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#8

Diethyl Ether
Concen: 50.180 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	51.9	155.8





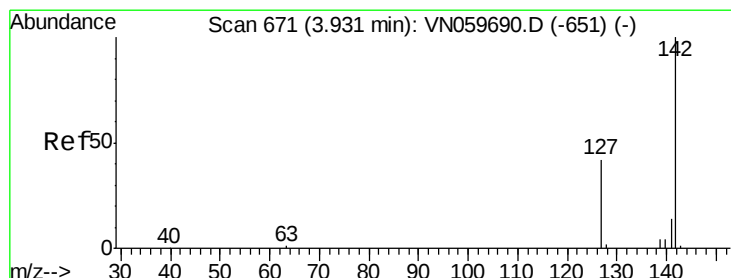
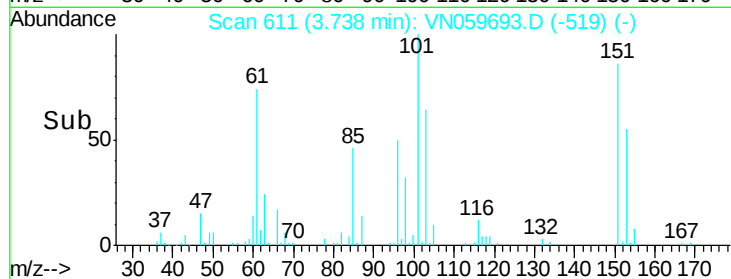
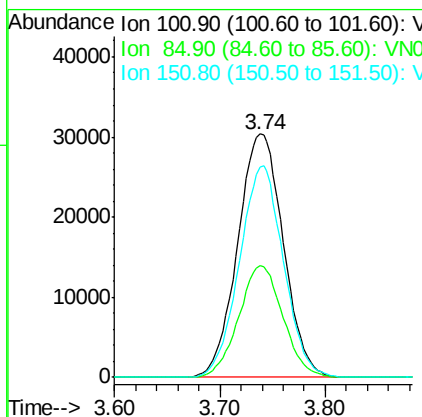
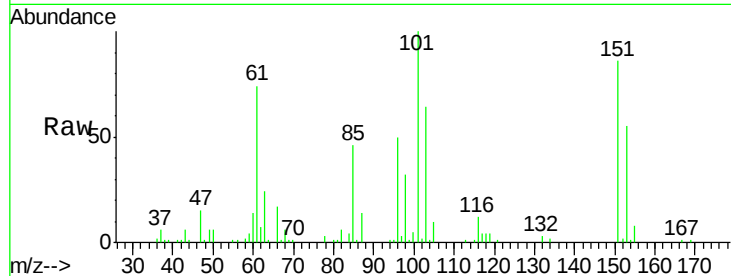
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.700 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.3	36.6	54.8
151	84.2	59.7	89.5

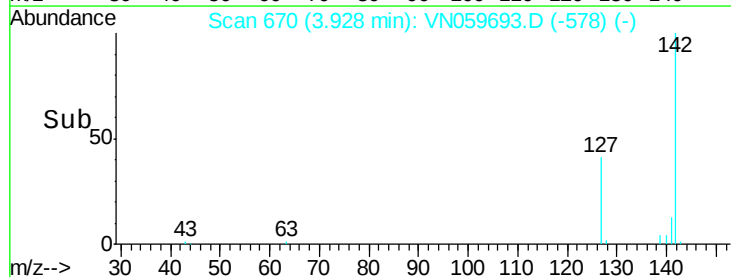
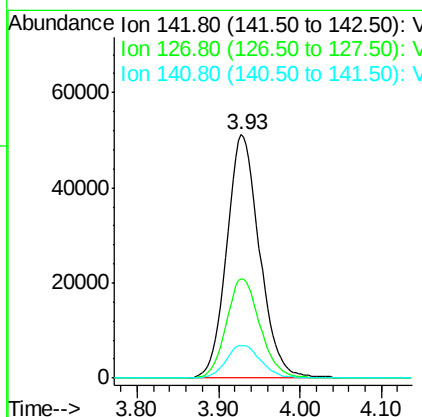
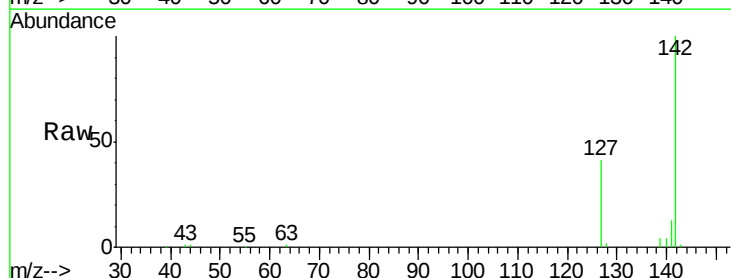
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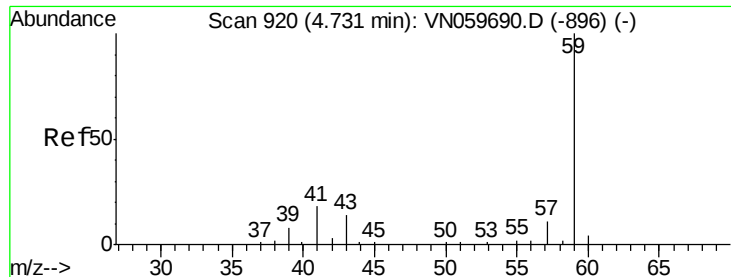
MMDadoda
 1/14/2020 11:00:06 AM



#10
 Methyl Iodide
 Concen: 49.641 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.9	36.7	55.1
141	14.2	11.7	17.5





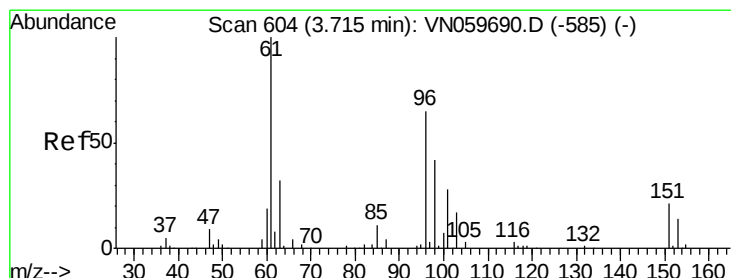
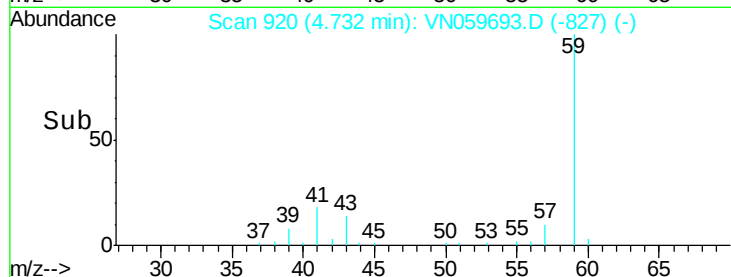
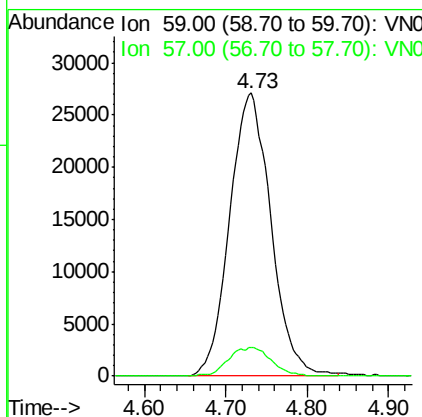
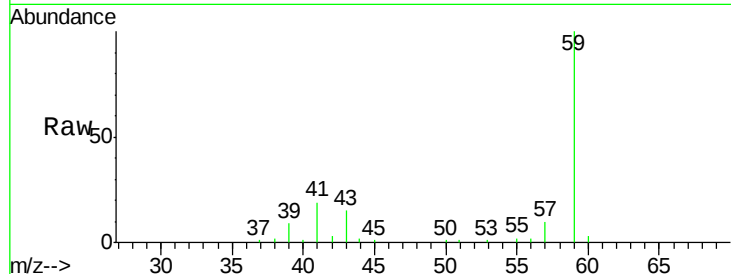
#11
Tert butyl alcohol
Concen: 247.834 ug/l
RT: 4.73 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampled :
ICVVN011320

Tot Ion: 59 Resp: 95275
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

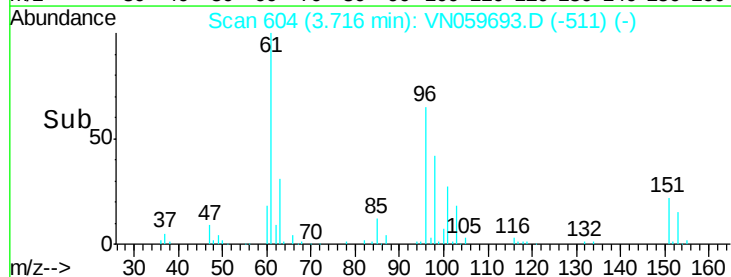
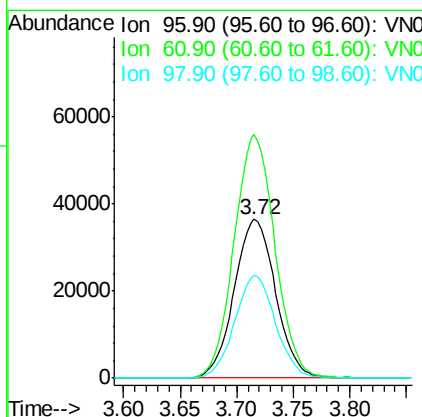
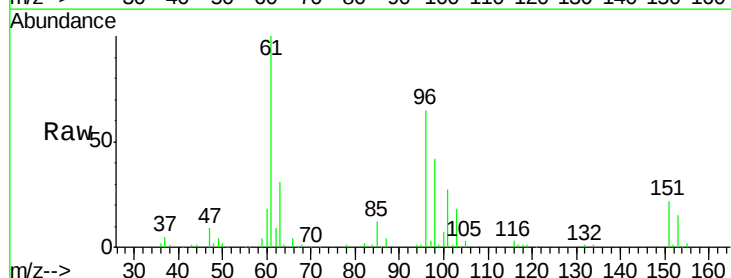
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#12
1,1-Dichloroethene
Concen: 49.270 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion: 96 Resp: 92692
Ion Ratio Lower Upper
96 100
61 153.4 137.5 206.3
98 64.7 50.2 75.4





#13

Acrolein

Concen: 192.643 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion: 56 Resp: 52424

Ion Ratio Lower Upper

56 100

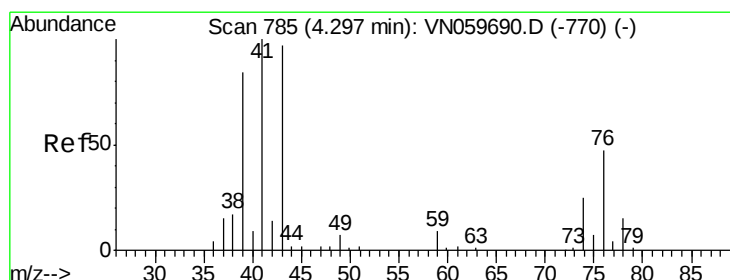
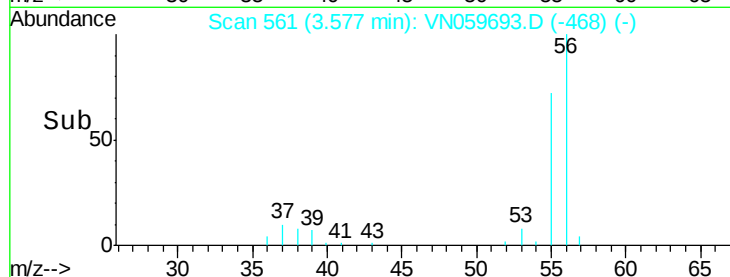
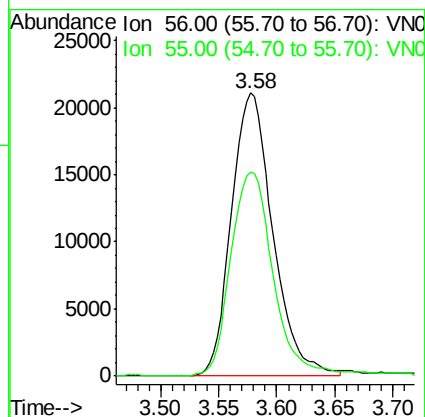
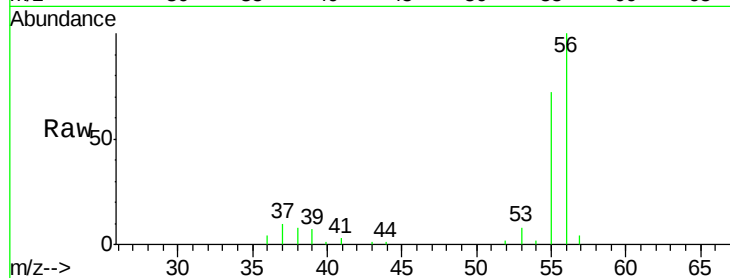
55 73.3 58.6 88.0

Manual Integrations

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#14

Allyl chloride

Concen: 50.447 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

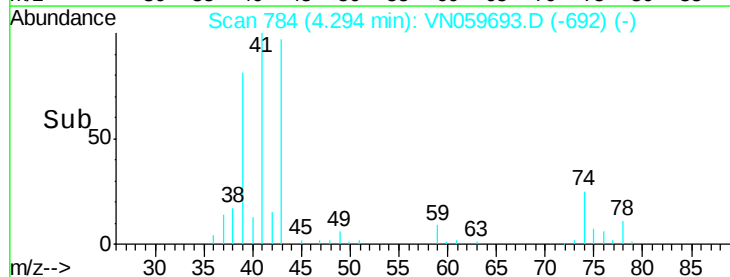
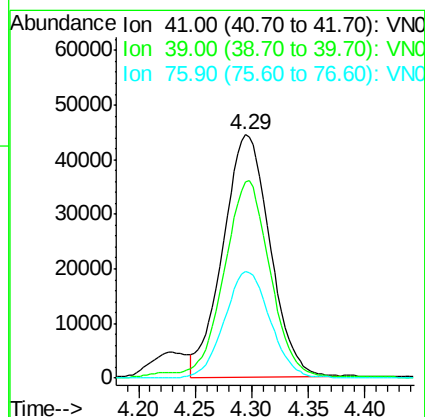
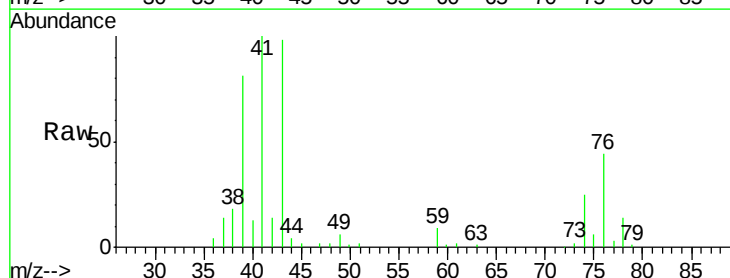
Tgt Ion: 41 Resp: 127924

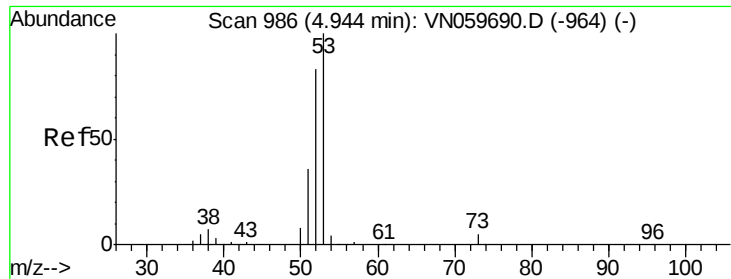
Ion Ratio Lower Upper

41 100

39 79.5 57.8 86.8

76 43.0 25.4 38.0#





#15

Acrylonitrile

Concen: 256.091 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

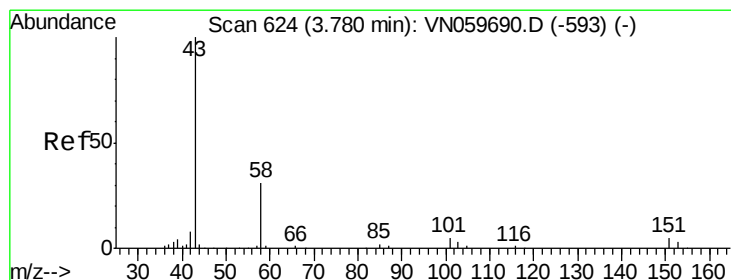
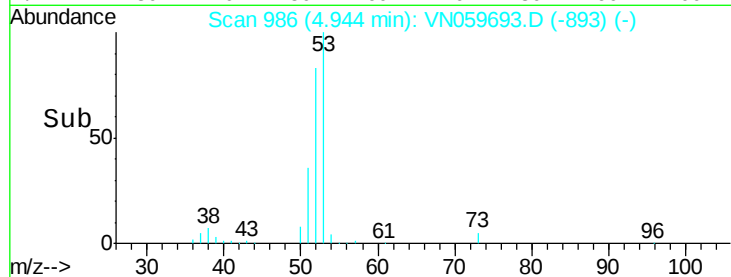
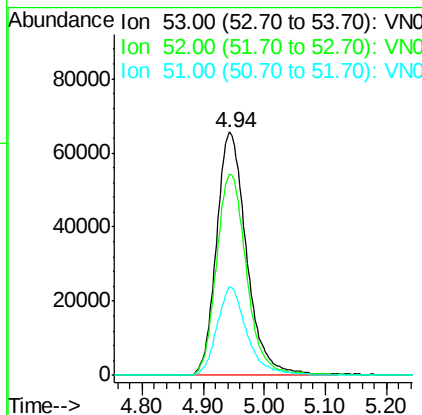
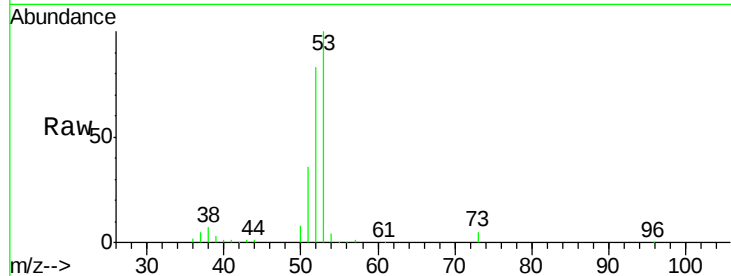
ClientSampleId :

ICVVN011320

Tot Ion:	53	Resp:	224571
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.3	99.5
51	36.2	29.7	44.5

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#16

Acetone

Concen: 250.058 ug/l

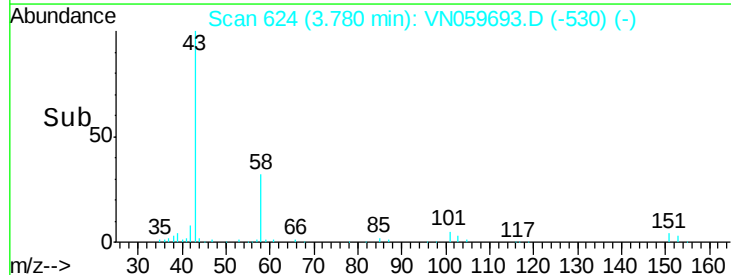
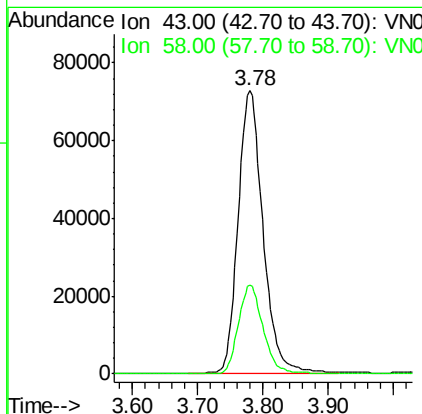
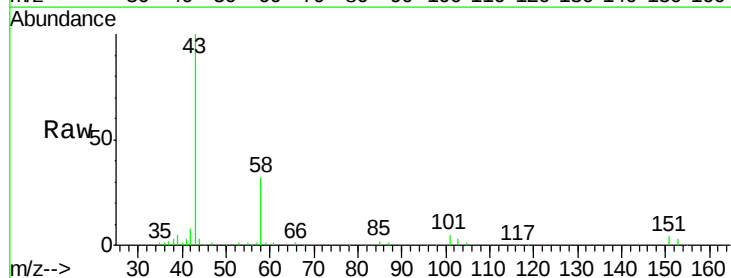
RT: 3.78 min Scan# 624

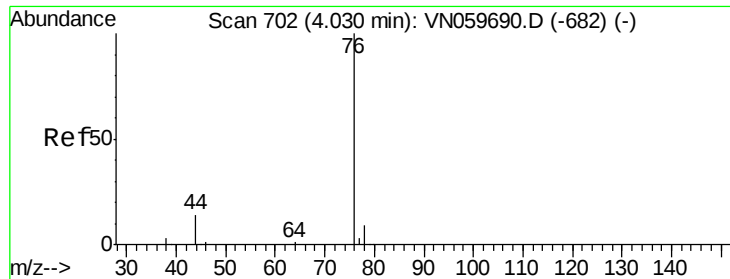
Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	43	Resp:	194761
Ion	Ratio	Lower	Upper
43	100		
58	31.6	23.6	35.4





#17

Carbon Disulfide

Concen: 49.240 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion: 76 Resp: 263892

Ion Ratio Lower Upper

76 100

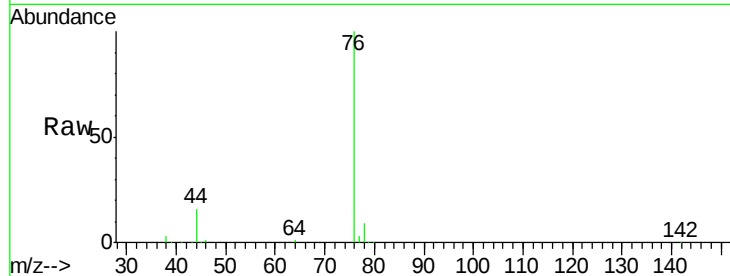
78 8.9 7.4 11.0

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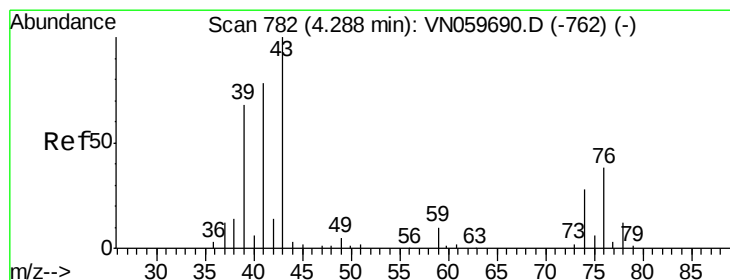
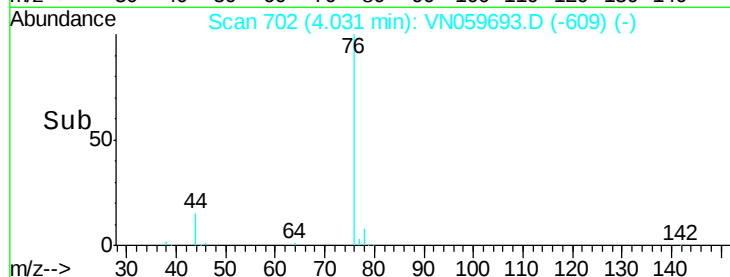
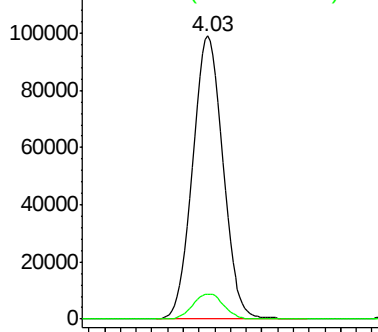
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 49.802 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059693.D

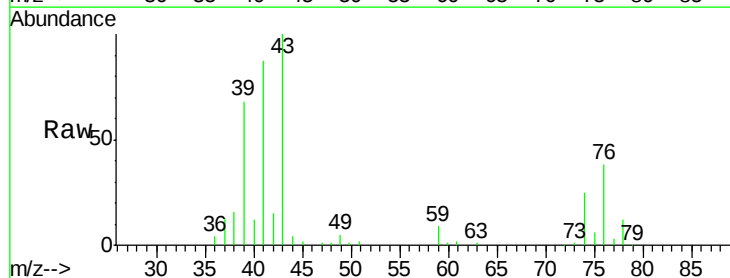
Acq: 13 Jan 2020 17:39

Tgt Ion: 43 Resp: 132842

Ion Ratio Lower Upper

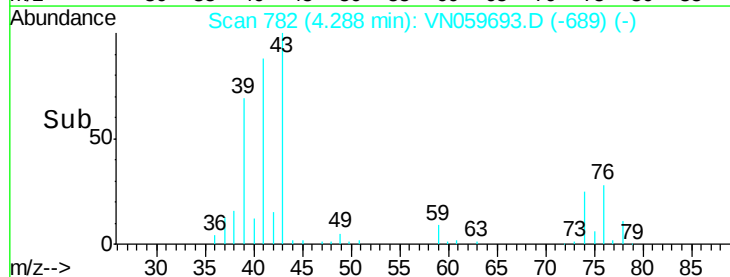
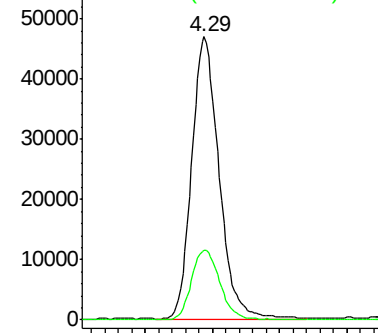
43 100

74 25.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





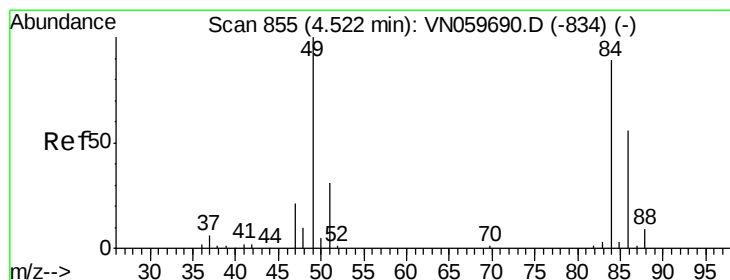
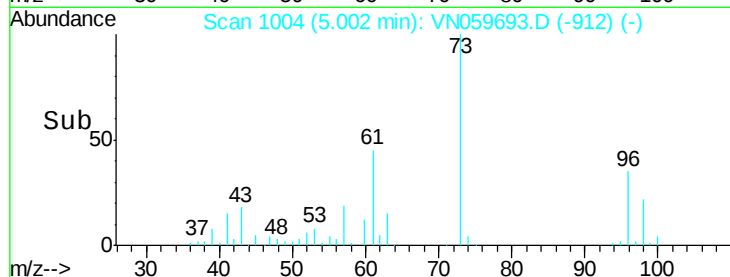
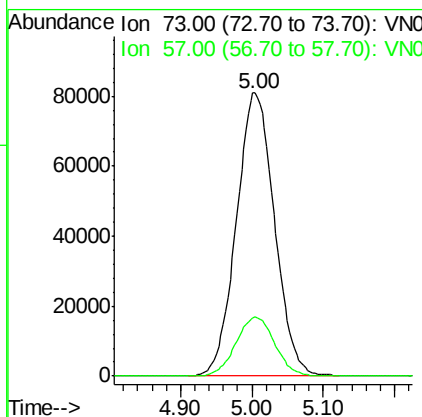
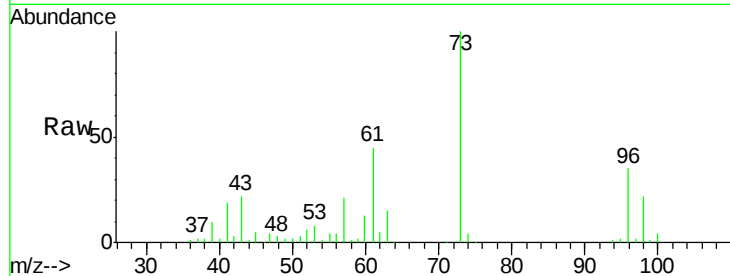
#19
Methvl tert-butvl Ether
Concen: 49.050 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion: 73 Resp: 300866
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8

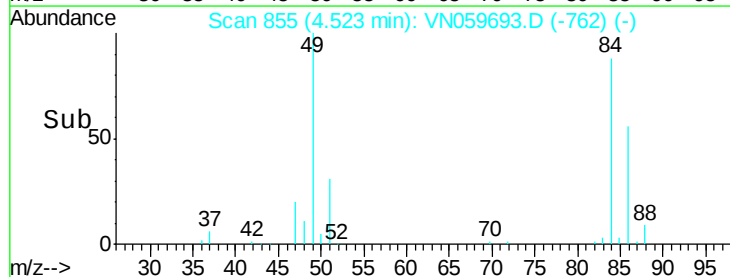
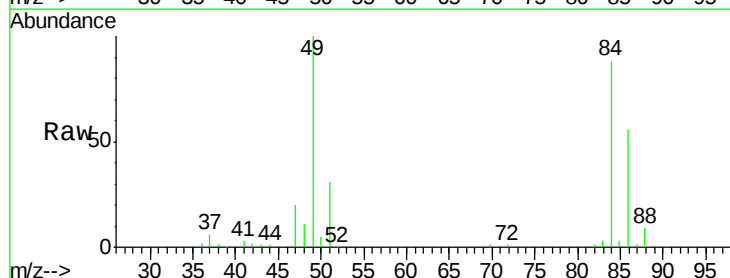
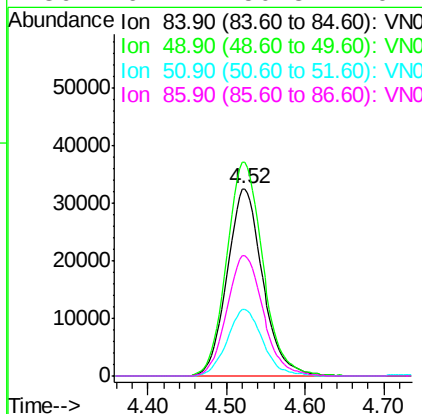
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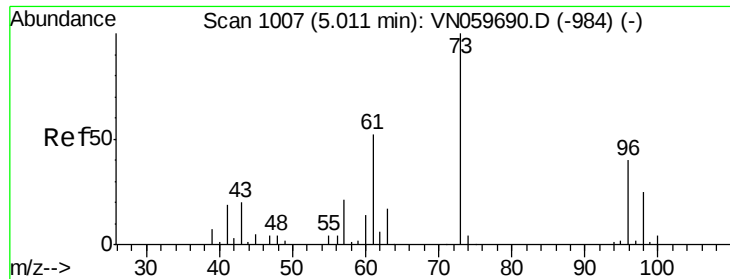
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#20
Methylene Chloride
Concen: 49.437 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion: 84 Resp: 102170
Ion Ratio Lower Upper
84 100
49 114.2 106.6 160.0
51 35.9 31.9 47.9
86 64.1 50.8 76.2





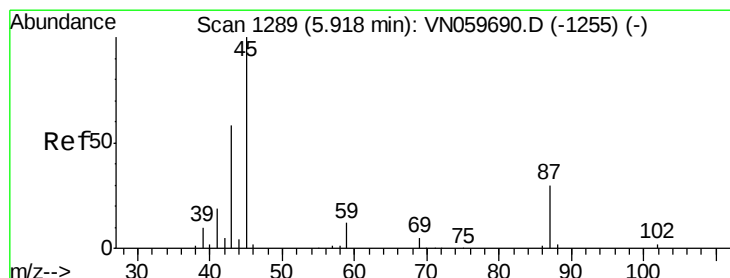
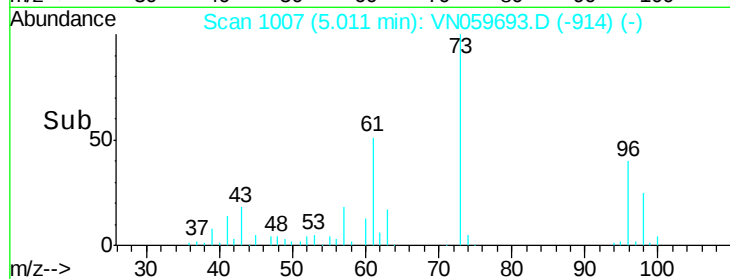
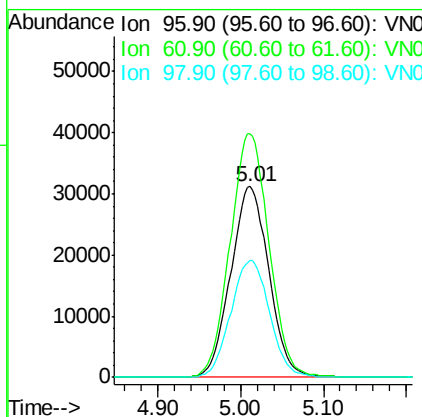
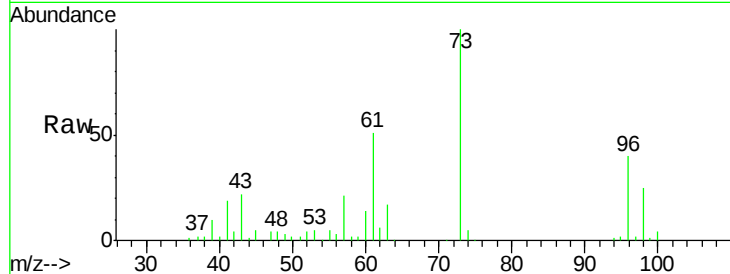
#21
trans-1,2-Dichloroethene
Concen: 49.980 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.7	120.4	180.6
98	61.2	50.6	75.8

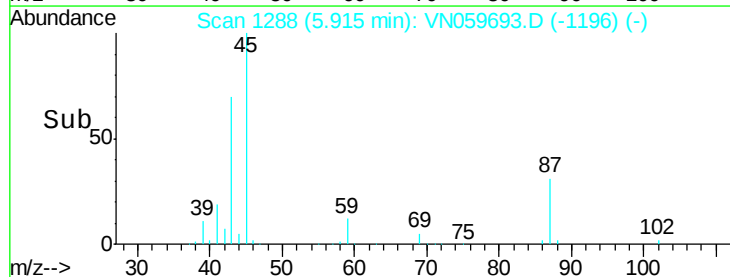
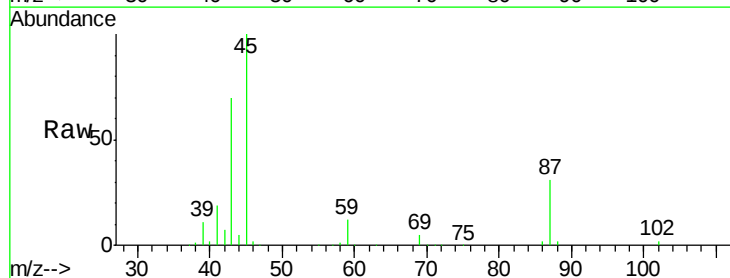
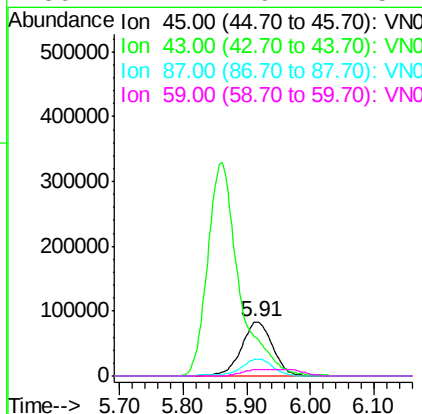
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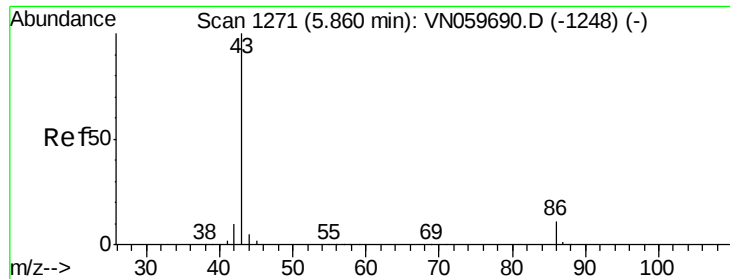
MMDadoda
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#22
Diisopropyl ether
Concen: 49.630 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.3	50.8	76.2
87	31.2	21.0	31.6
59	12.2	9.1	13.7





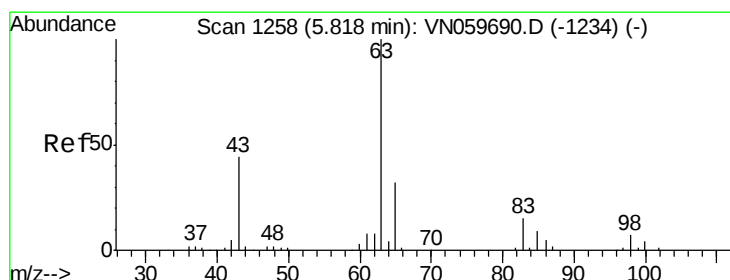
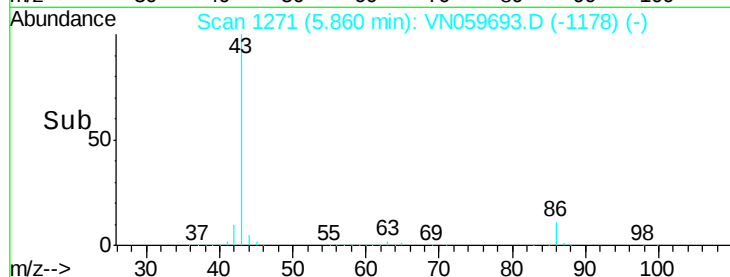
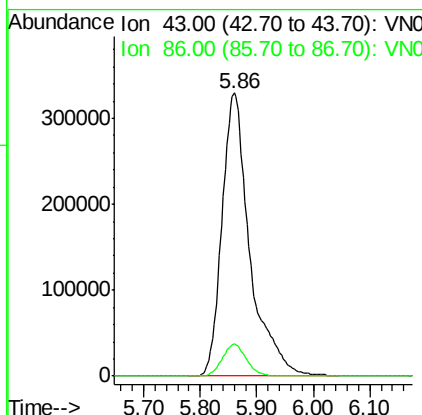
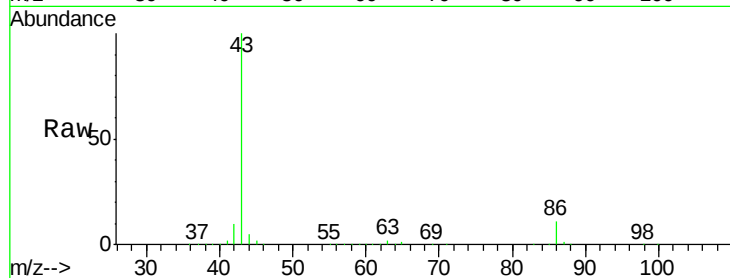
#23
 Vinyl Acetate
 Concen: 253.284 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion: 43 Resp: 1126921
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.6 11.4

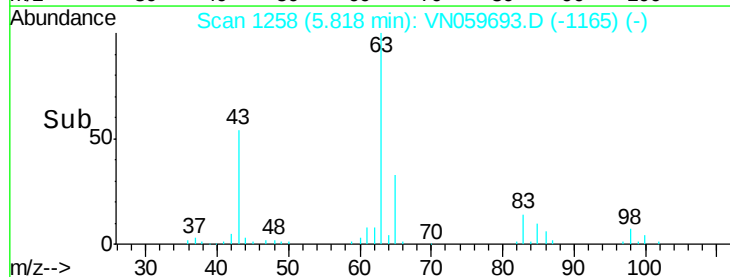
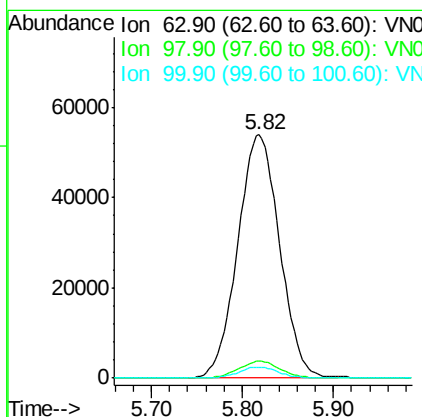
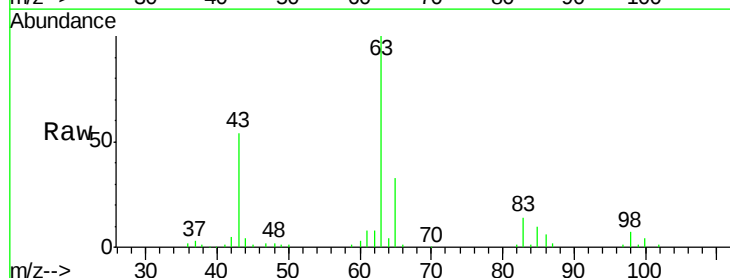
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#24
 1,1-Dichloroethane
 Concen: 49.005 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion: 63 Resp: 172070
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.7
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 234.380 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion: 43 Resp: 303097

Ion Ratio Lower Upper

43 100

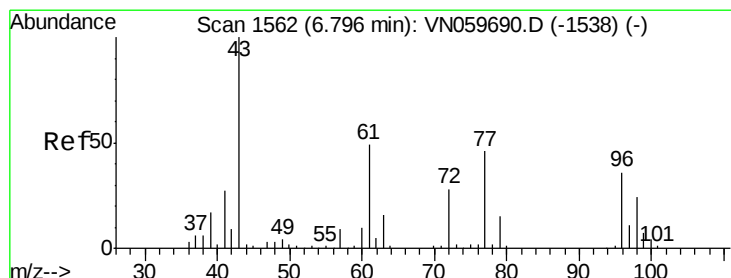
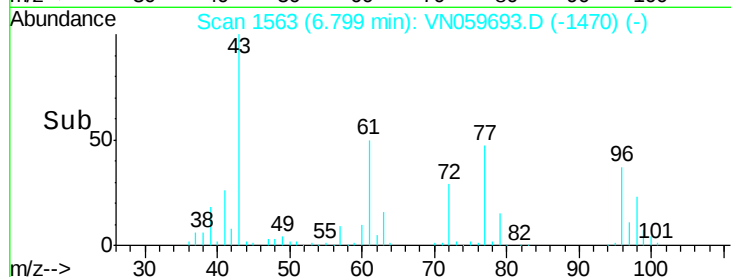
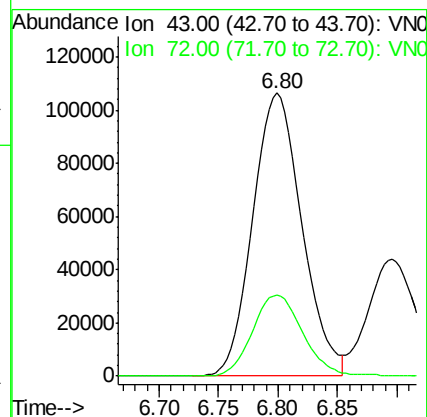
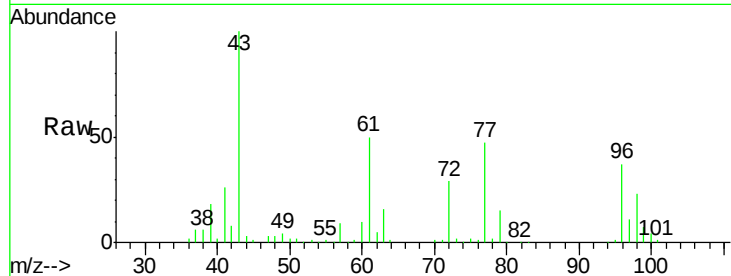
72 28.7 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.550 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059693.D

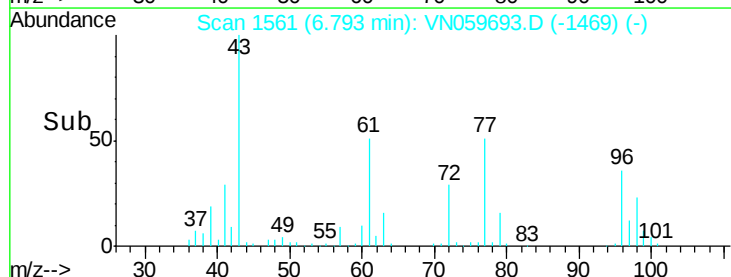
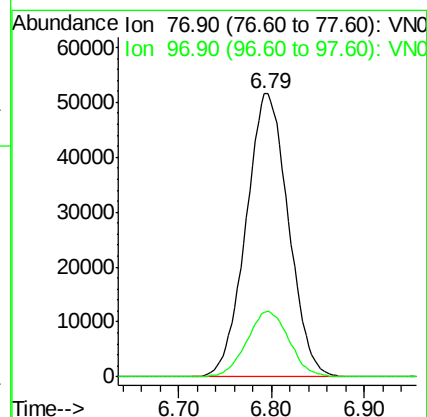
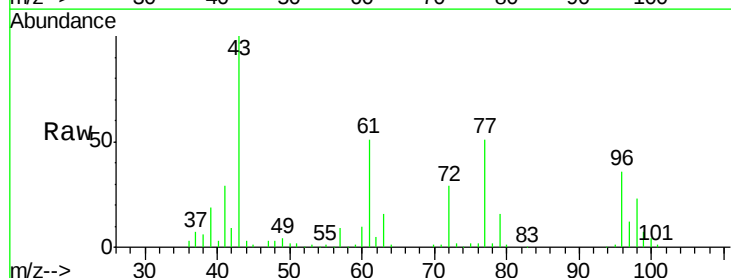
Acq: 13 Jan 2020 17:39

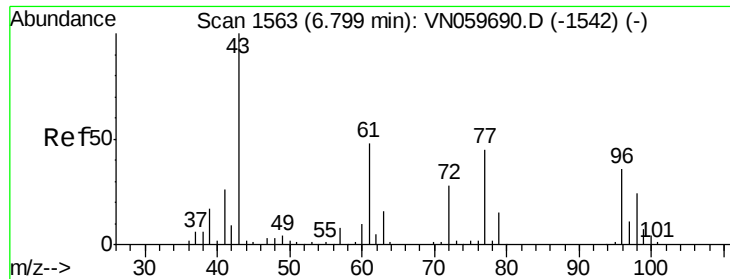
Tgt Ion: 77 Resp: 163890

Ion Ratio Lower Upper

77 100

97 23.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 49.786 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

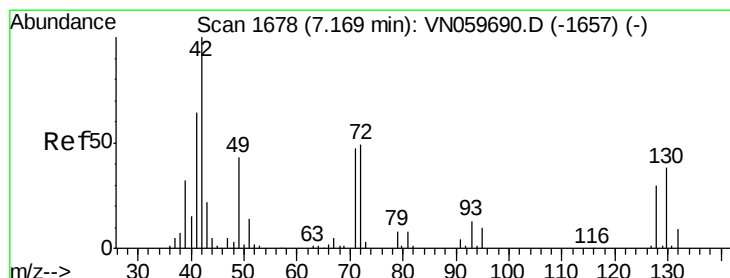
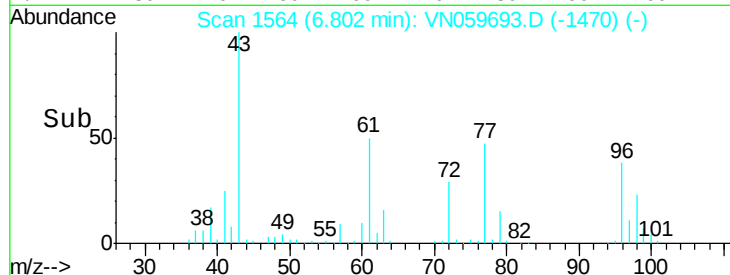
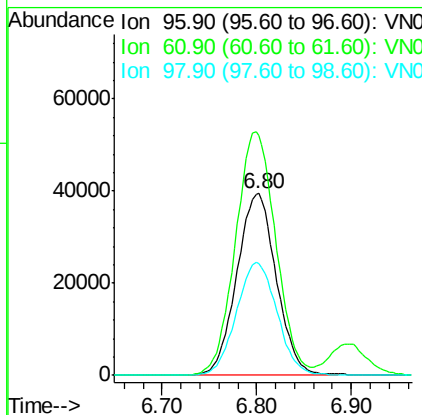
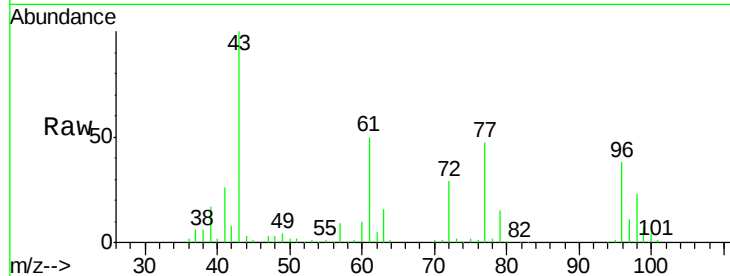
ClientSampleId :

ICVVN011320

Tot Ion:	96	Resp:	114514
Ion Ratio	Lower	Upper	
96	100		
61	136.6	0.0	317.6
98	64.0	0.0	127.0

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#28

Bromochloromethane

Concen: 50.398 ug/l

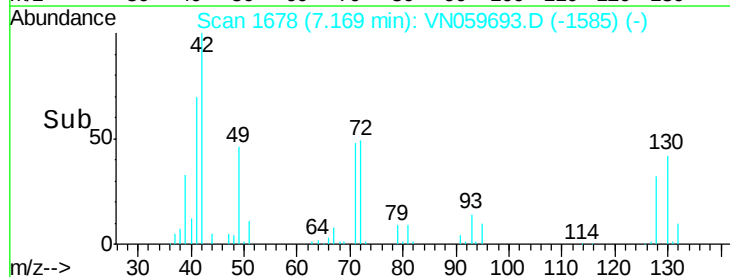
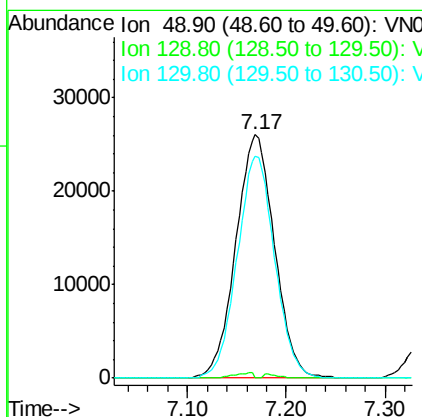
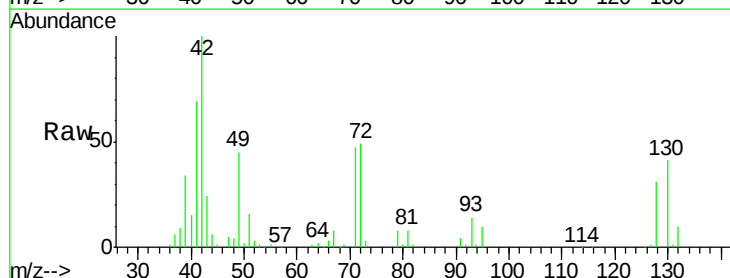
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	49	Resp:	70729
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	3.4
130	88.3	54.7	82.1#





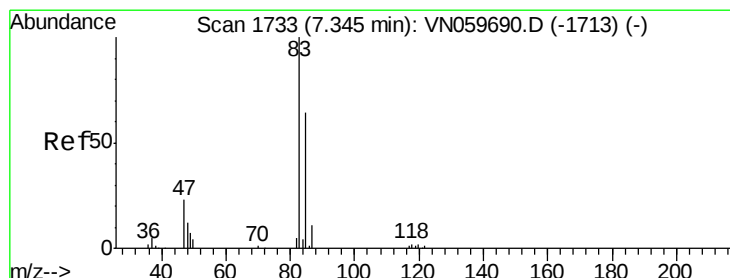
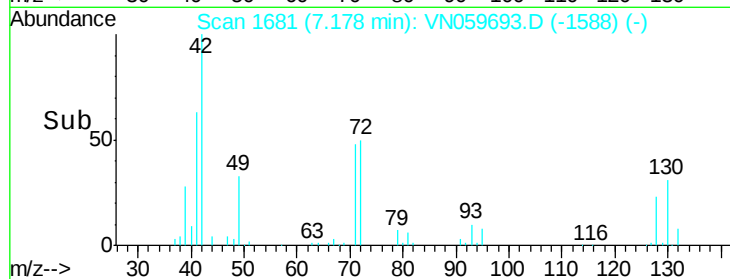
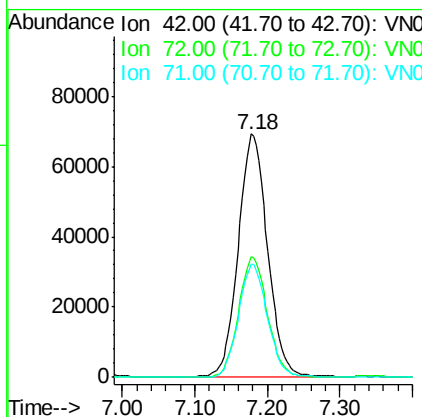
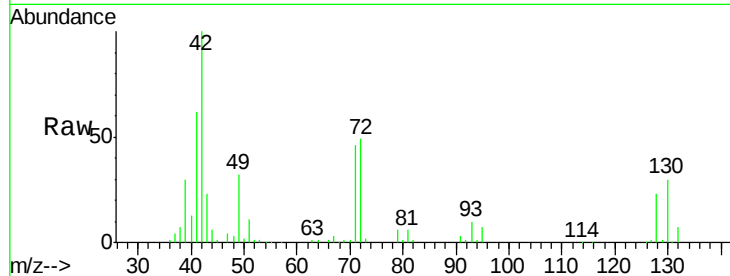
#29
Tetrahydrofuran
Concen: 244.800 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Resp	Lower	Upper
42	100	195869		
72	48.5		33.1	49.7
71	45.6		31.4	47.0

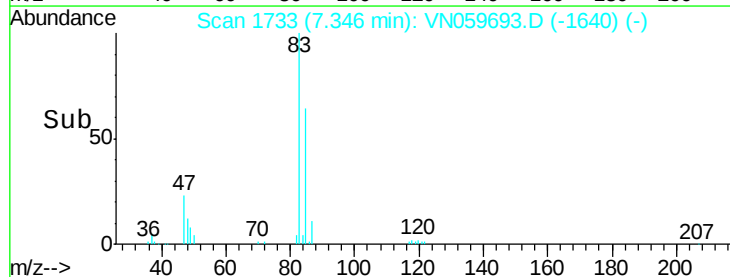
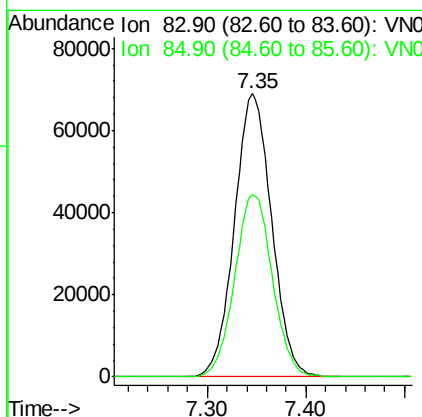
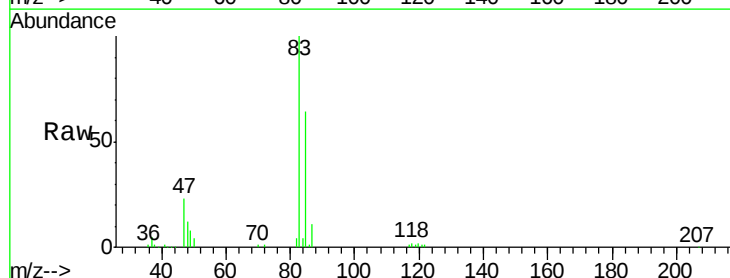
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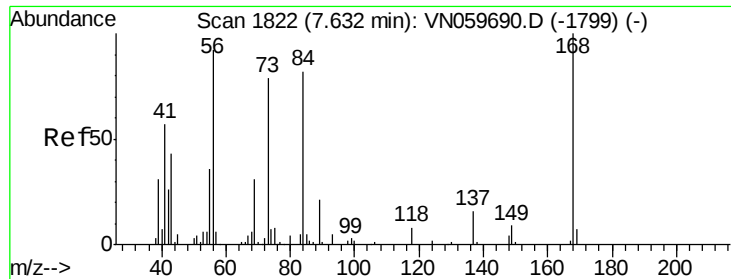
MMDadoda
1/14/2020 11:00:06 AM



#30
Chloroform
Concen: 49.538 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	180226		
85	64.3		52.4	78.6





#31

Cyclohexane

Concen: 46.633 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

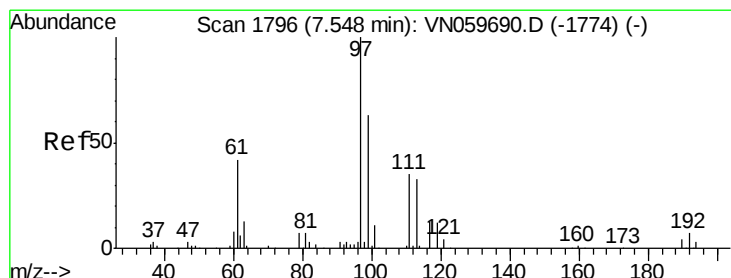
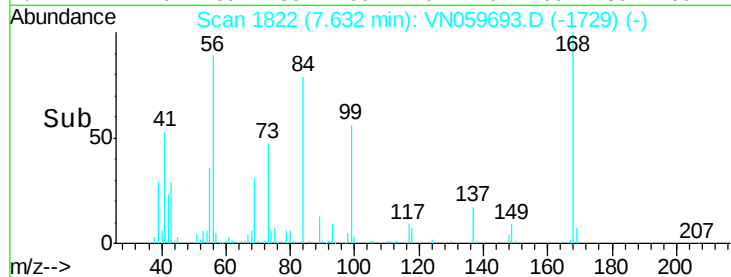
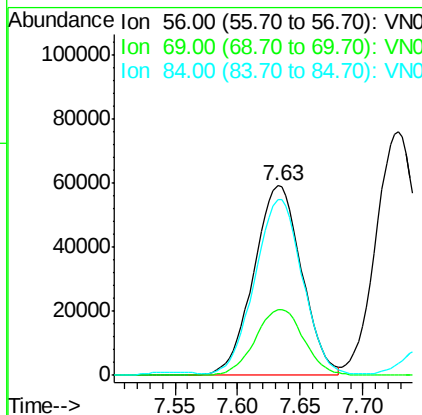
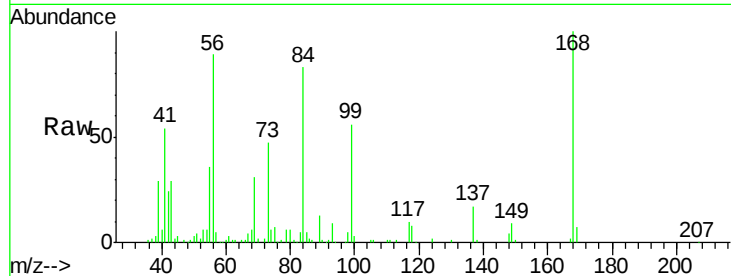
ClientSampleId :

ICVVN011320

Tot Ion:	56	Resp:	157561
Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.5	39.7
84	91.4	65.3	97.9

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#32

1,1,1-Trichloroethane

Concen: 49.550 ug/l

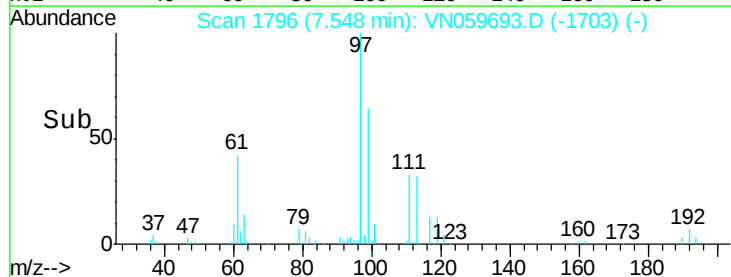
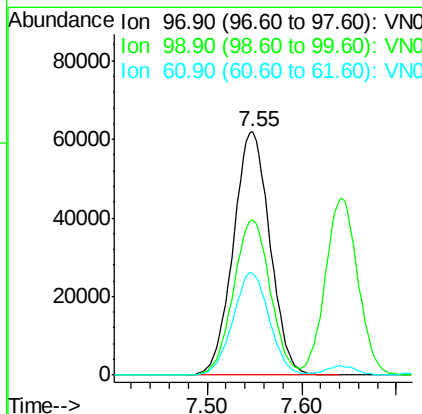
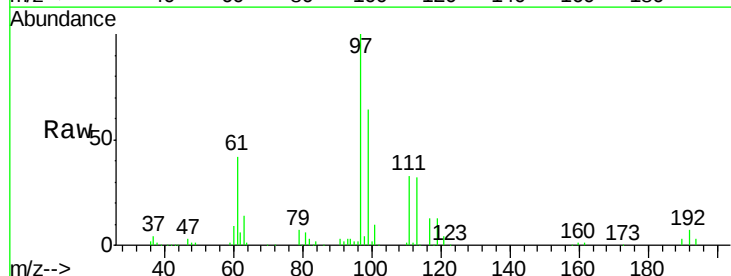
RT: 7.55 min Scan# 1796

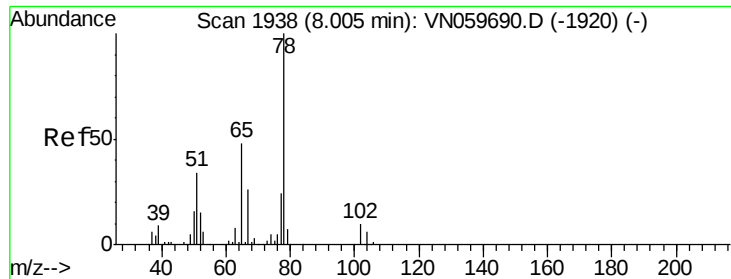
Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	97	Resp:	166680
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	41.8	38.5	57.7





#33

1,2-Dichloroethane-d4

Concen: 47.408 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion: 65 Resp: 108261

Ion Ratio Lower Upper

65 100

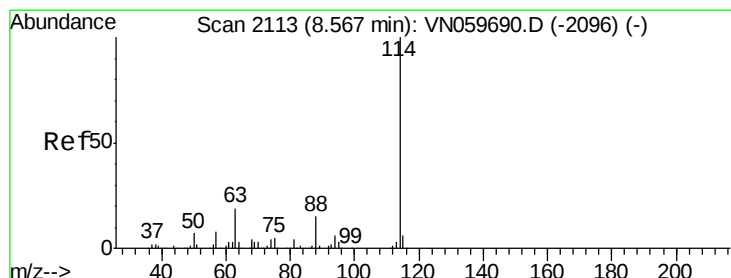
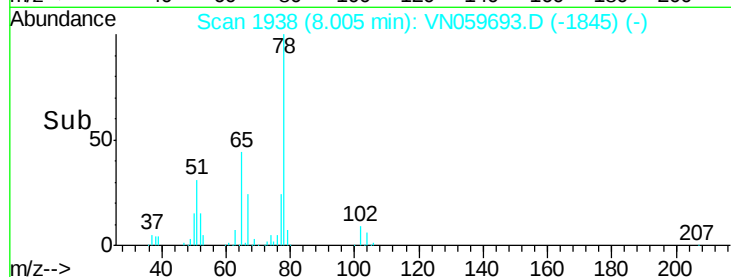
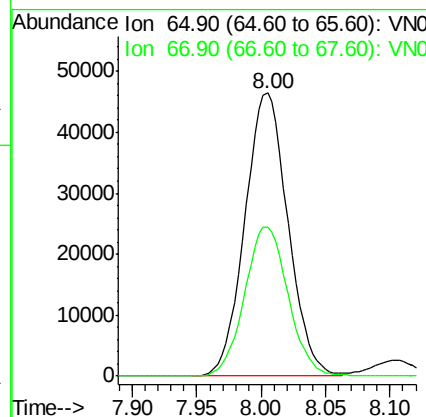
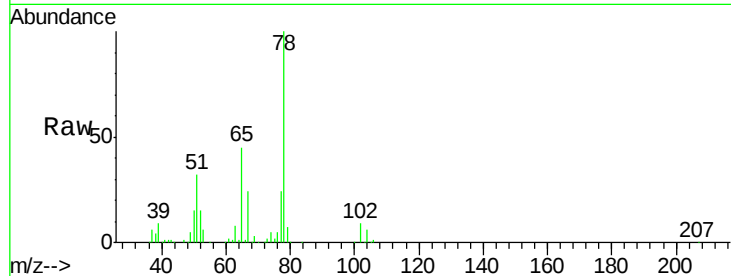
67 53.3 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

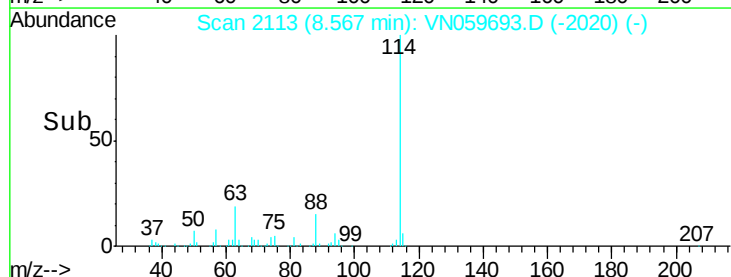
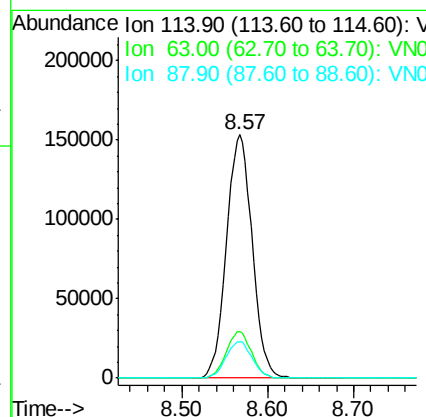
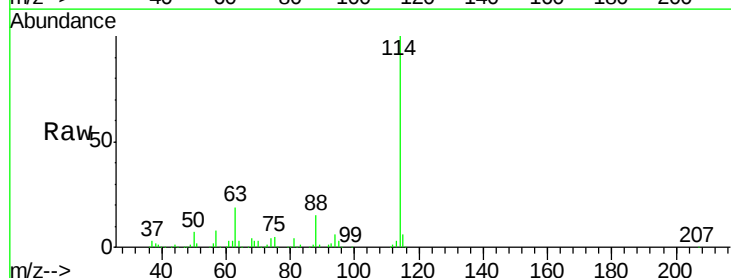
Tgt Ion: 114 Resp: 318381

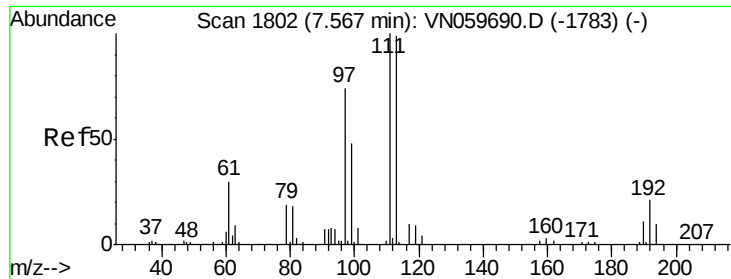
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.6

88 15.1 0.0 31.4





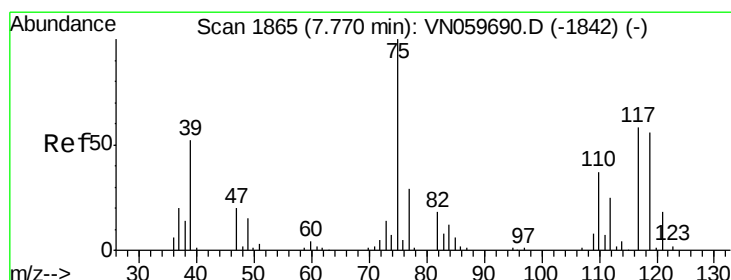
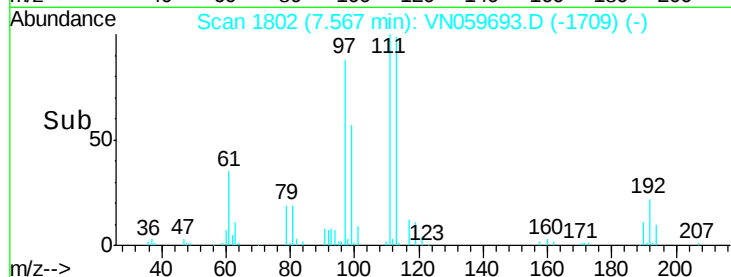
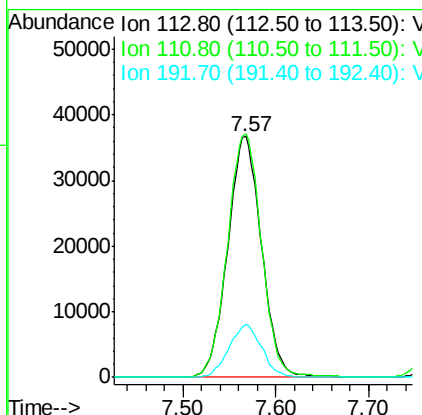
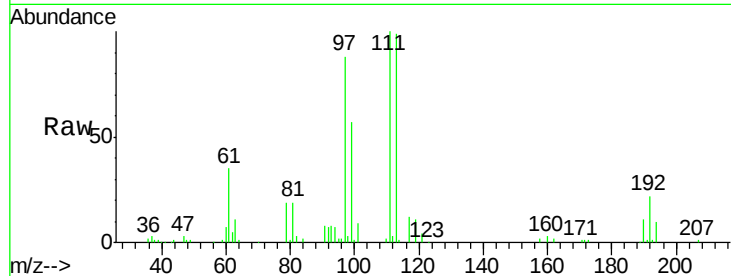
#35
 Dibromofluoromethane
 Concen: 48.828 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.5	125.3
192	21.1	15.4	23.2

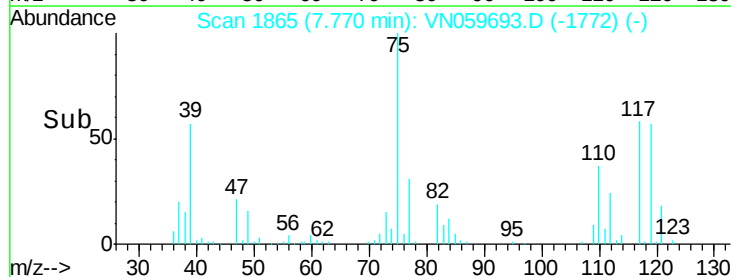
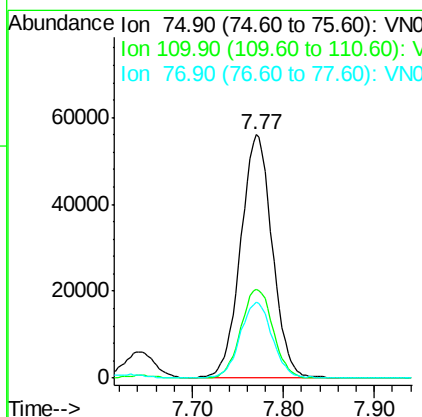
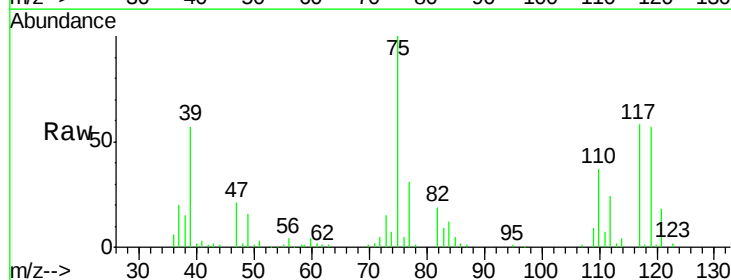
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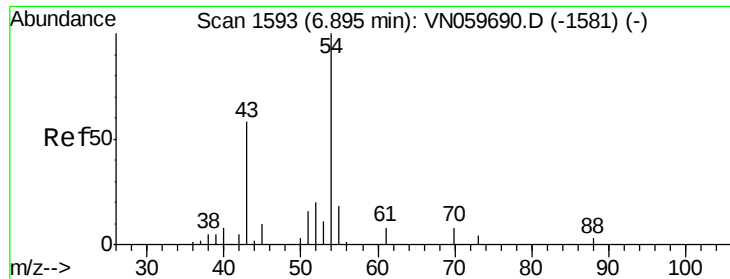
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 1/14/2020 11:00:06 AM



#36
 1,1-Dichloropropene
 Concen: 48.922 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	16.6	49.7
77	31.6	25.1	37.7





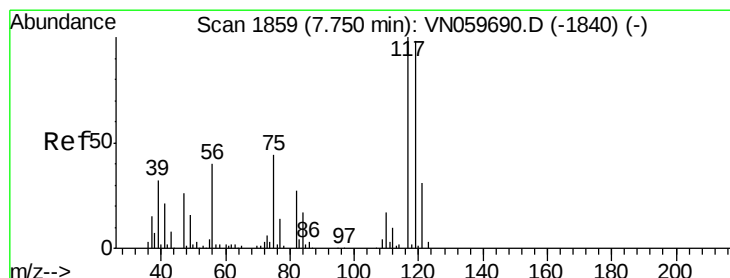
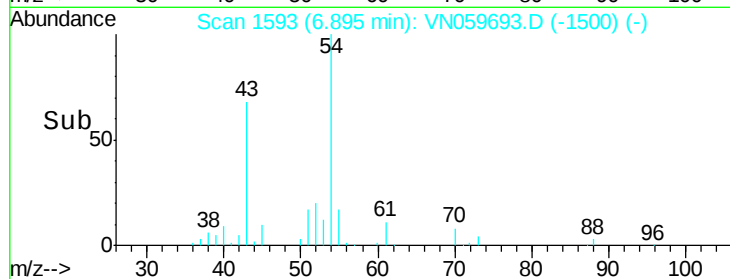
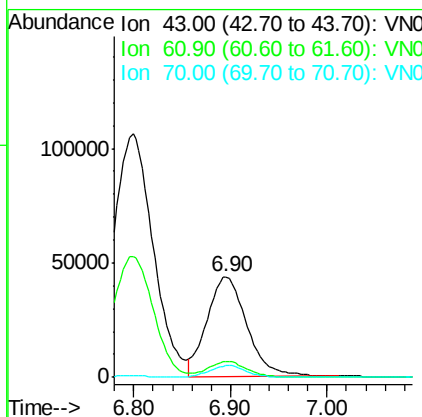
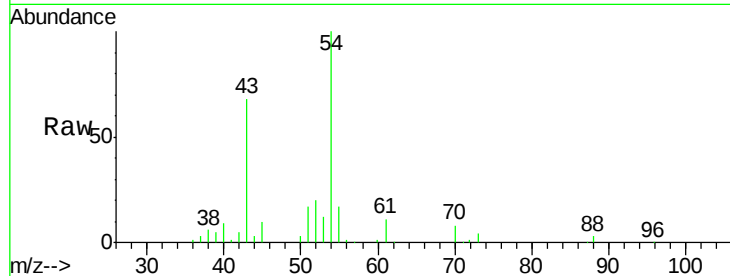
#37
Ethyl Acetate
Concen: 47.981 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.9	16.3
70	11.2	7.7	11.5

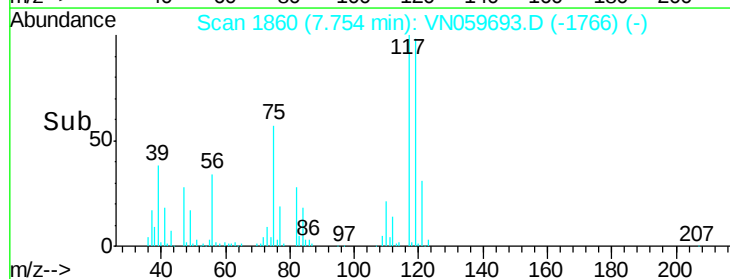
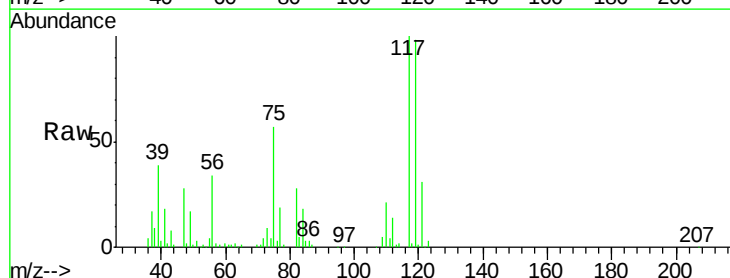
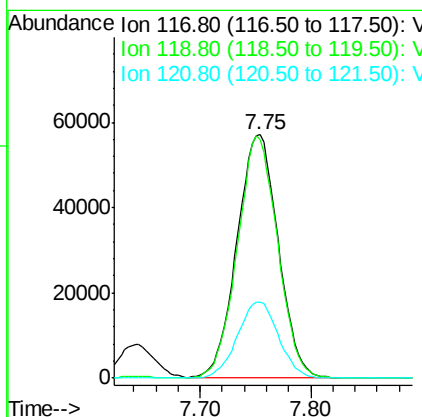
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#38
Carbon Tetrachloride
Concen: 49.250 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.5	114.7
121	31.2	25.1	37.7





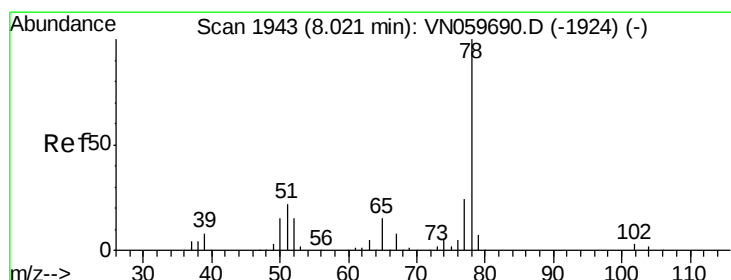
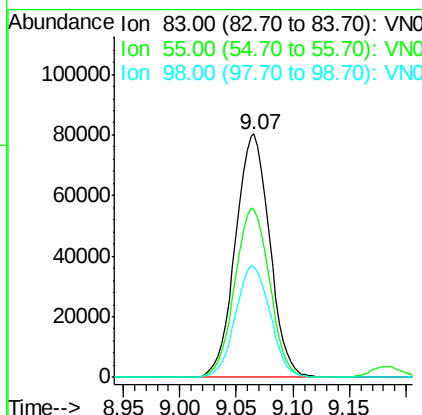
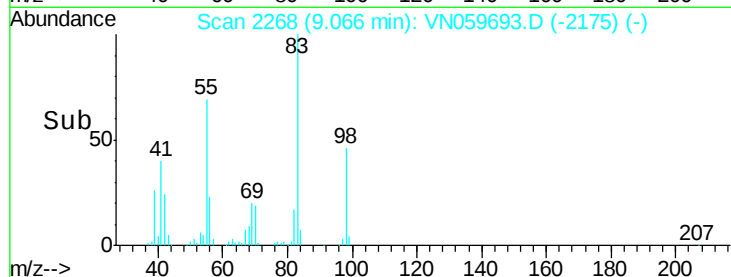
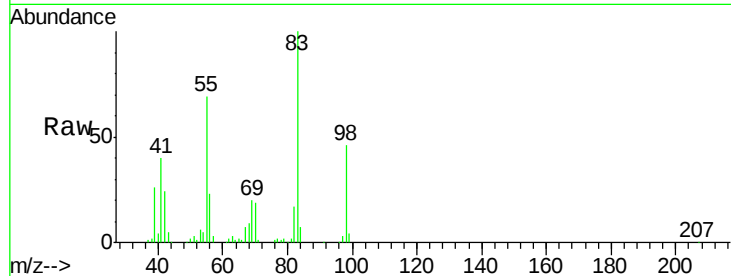
#39
Methvlcvclohexane
Concen: 49.550 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.0	64.2	96.2
98	45.6	35.9	53.9

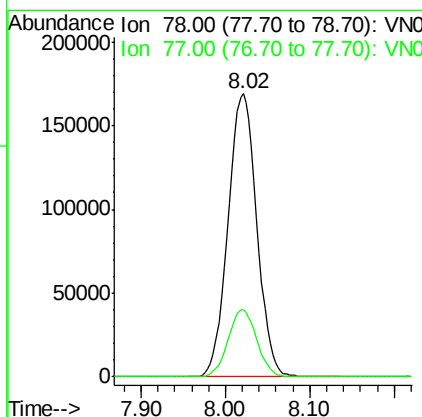
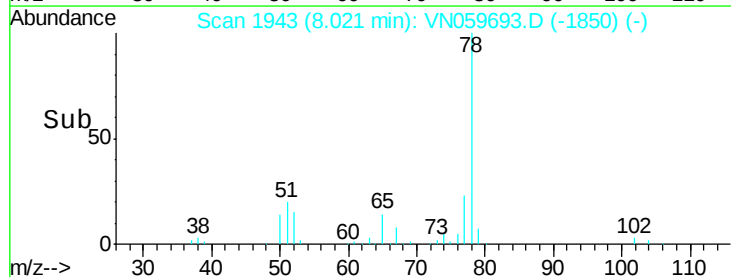
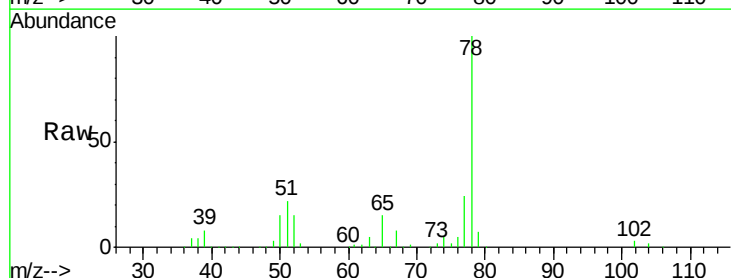
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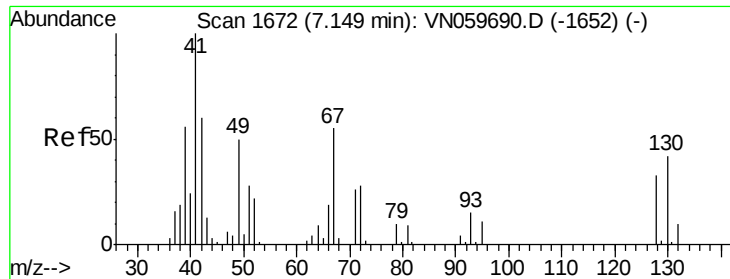
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1/14/2020 11:00:06 AM



#40
Benzene
Concen: 48.482 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





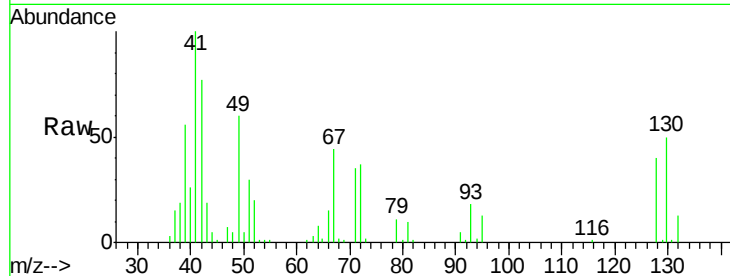
#41
Methacrylonitrile
Concen: 49.763 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
41	100		
39	150.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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1/14/2020 11:00:06 AM

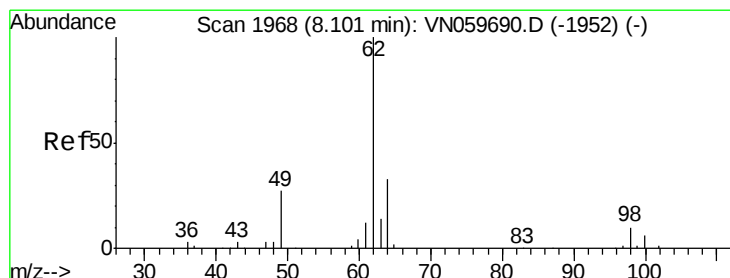
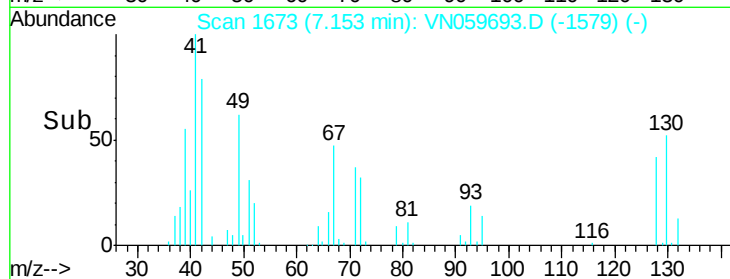
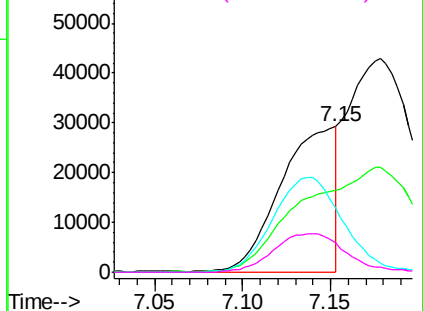


Abundance Ion 41.00 (40.70 to 41.70): VN059693.D (-1652) (-)

Ion 39.00 (38.70 to 39.70): VN059693.D (-1652) (-)

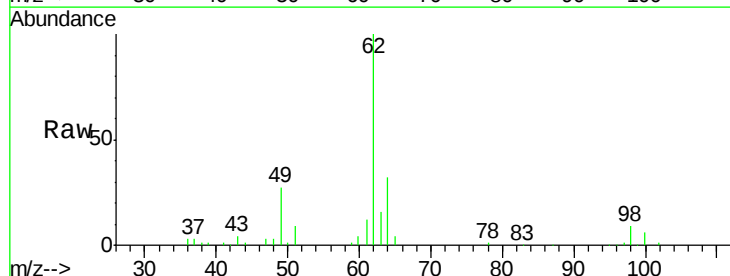
Ion 67.00 (66.70 to 67.70): VN059693.D (-1652) (-)

Ion 52.00 (51.70 to 52.70): VN059693.D (-1652) (-)



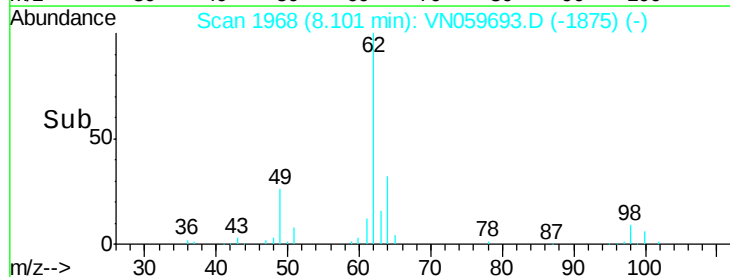
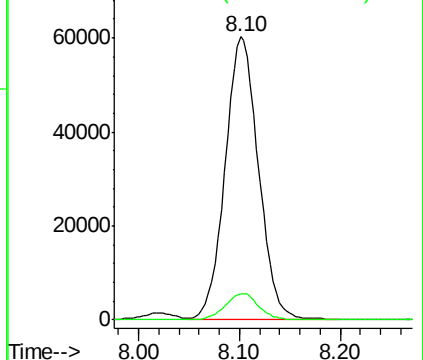
#42
1,2-Dichloroethane
Concen: 49.528 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

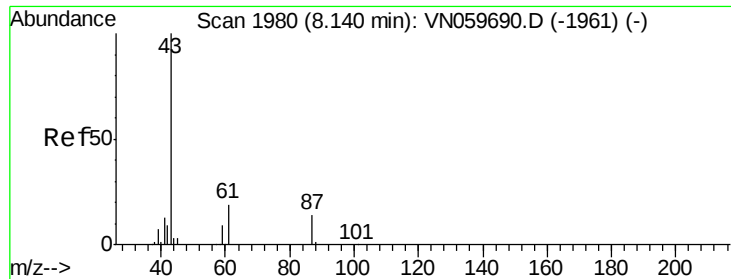
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN059693.D (-1875) (-)

Ion 97.90 (97.60 to 98.60): VN059693.D (-1875) (-)





#43

Isopropyl Acetate

Concen: 48.596 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

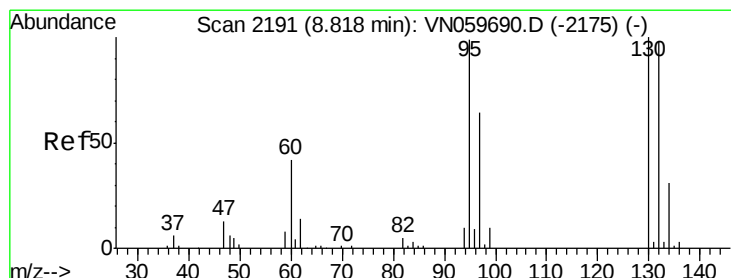
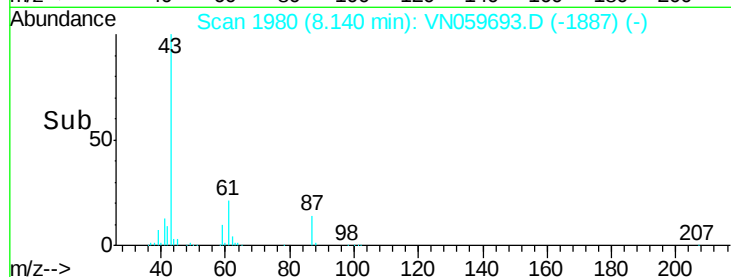
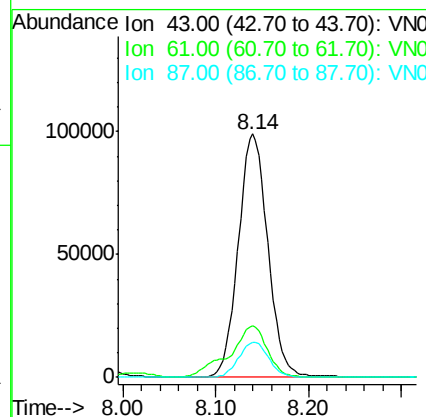
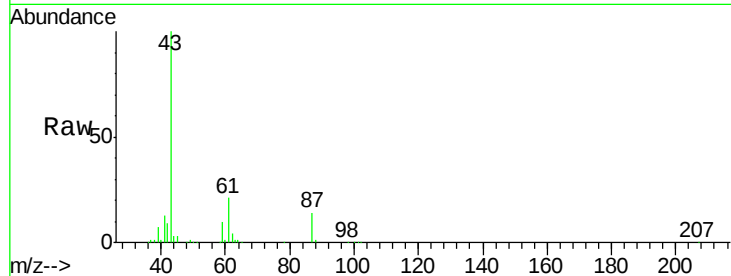
ClientSampleId :

ICVVN011320

Tot Ion:	43	Resp:	217362
Ion	Ratio	Lower	Upper
43	100		
61	27.5	20.2	30.2
87	14.7	9.5	14.3#

Manual Integrations
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#44

Trichloroethene

Concen: 50.678 ug/l

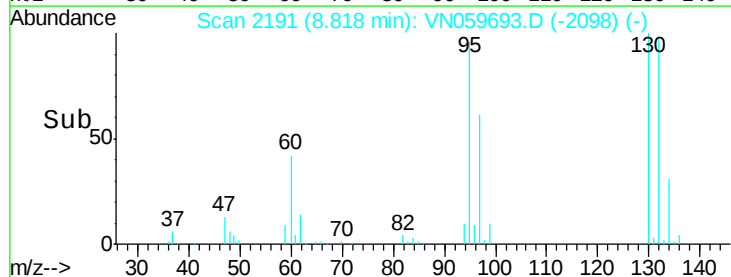
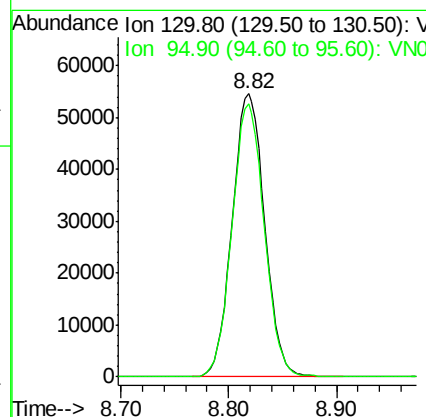
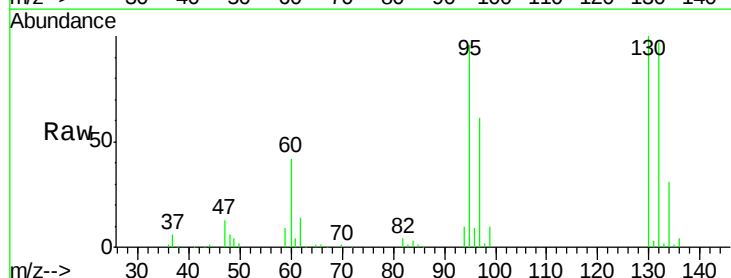
RT: 8.82 min Scan# 2191

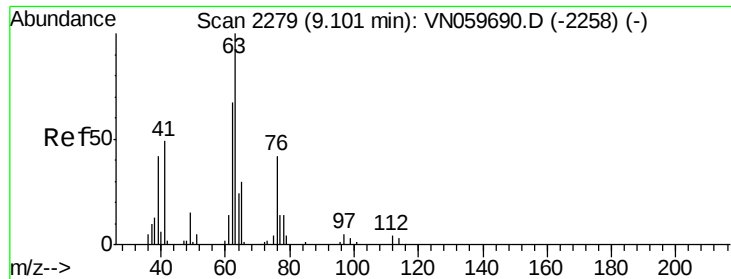
Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	130	Resp:	114397
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	207.0





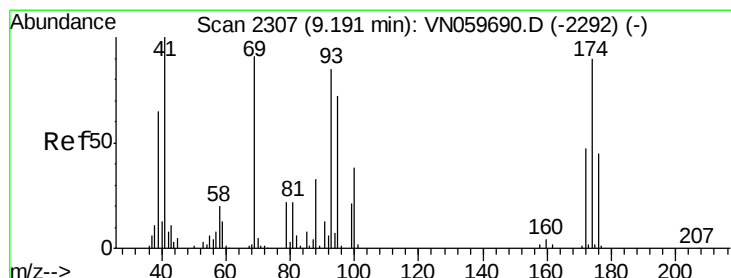
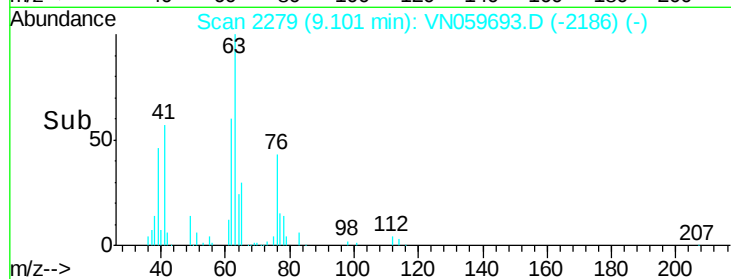
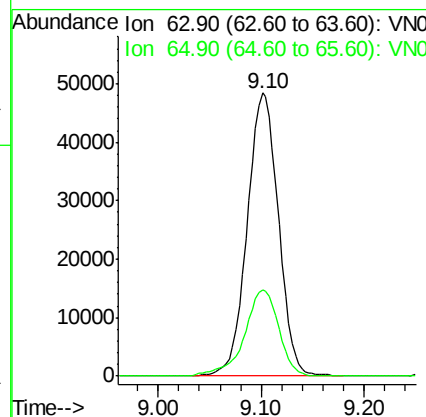
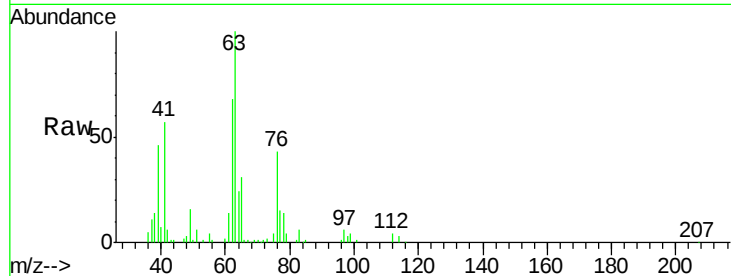
#45
 1,2-Dichloropropane
 Concen: 49.673 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.9	37.3

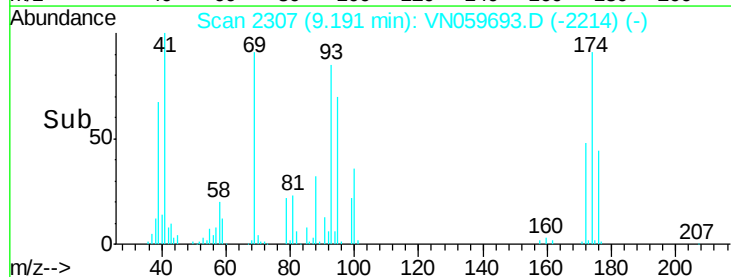
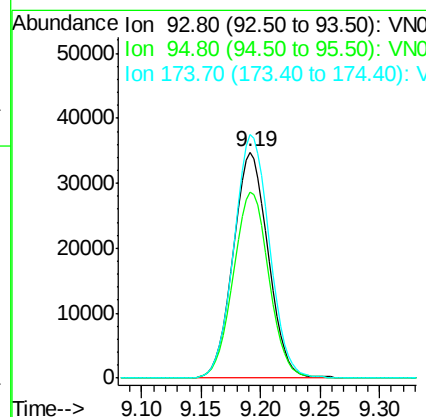
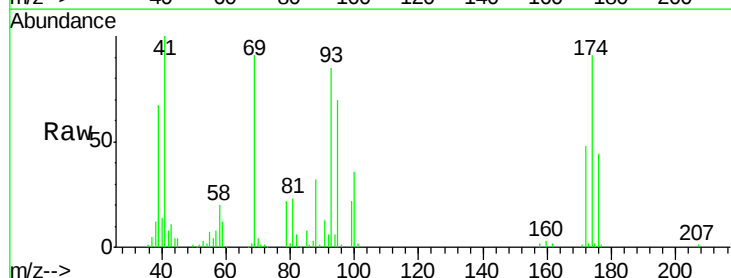
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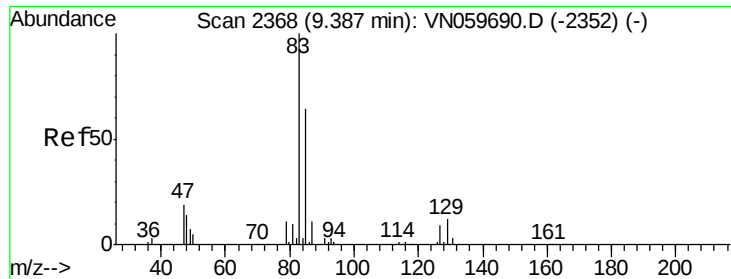
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#46
 Dibromomethane
 Concen: 49.154 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.0	100.6
174	109.0	73.4	110.2





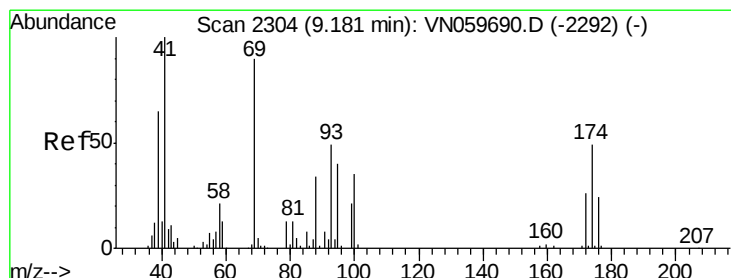
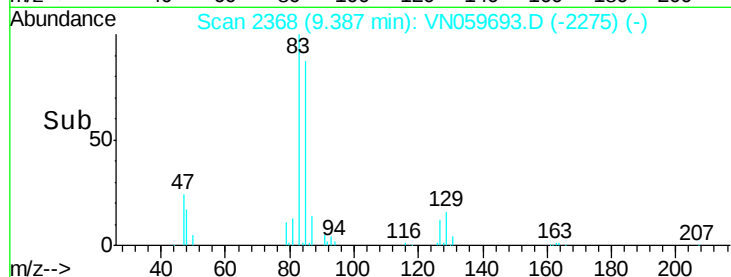
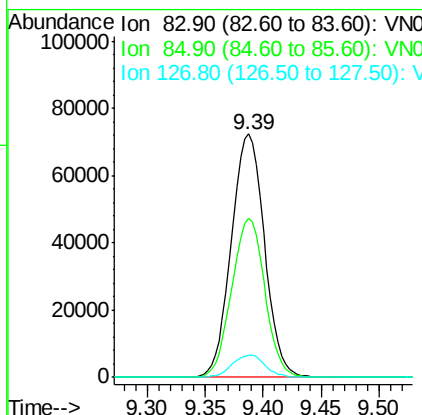
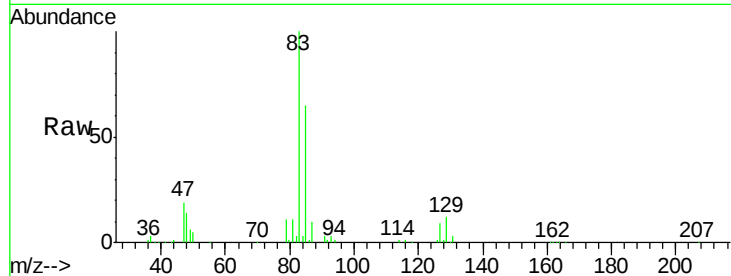
#47
Bromodichloromethane
Concen: 49.276 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	83	Resp	143325
Ion Ratio	100		
85	65.2	51.1	76.7
127	9.2	6.6	9.8

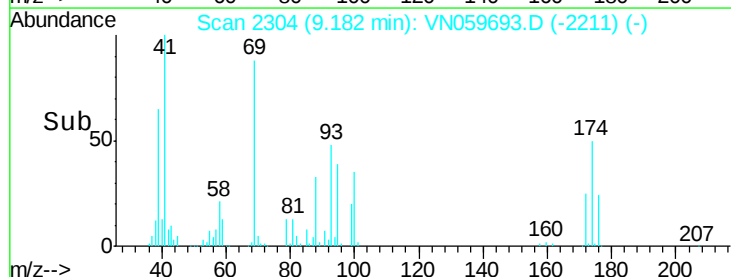
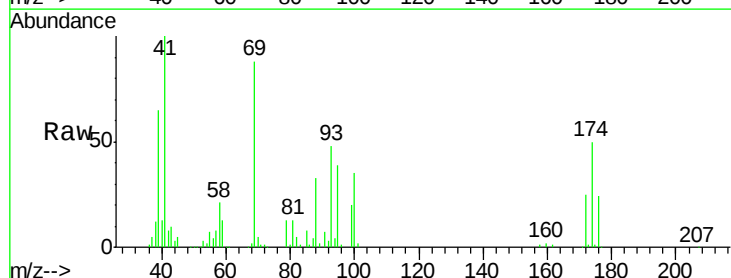
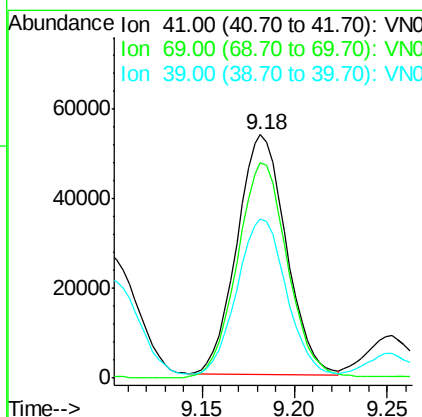
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#48
Methyl methacrylate
Concen: 49.306 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	41	Resp	98646
Ion Ratio	100		
69	93.1	64.4	96.6
39	65.2	51.3	76.9





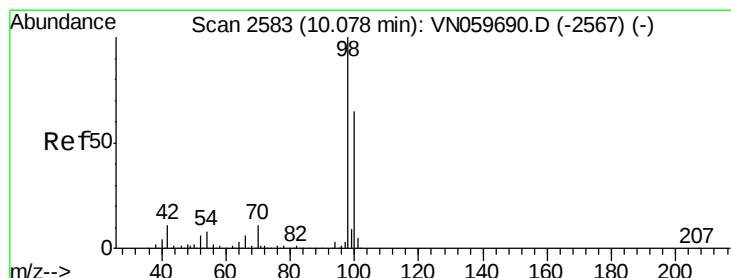
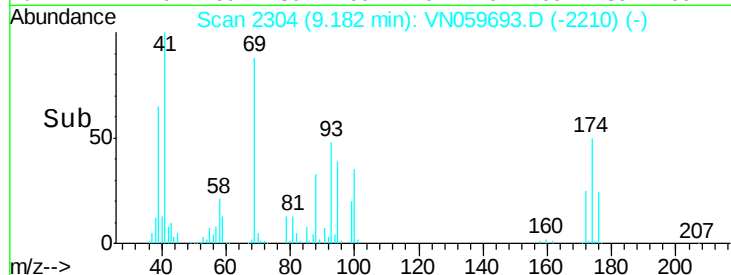
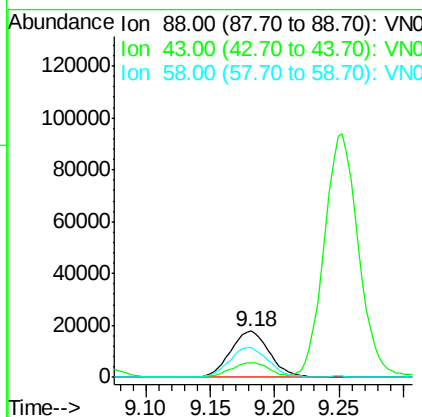
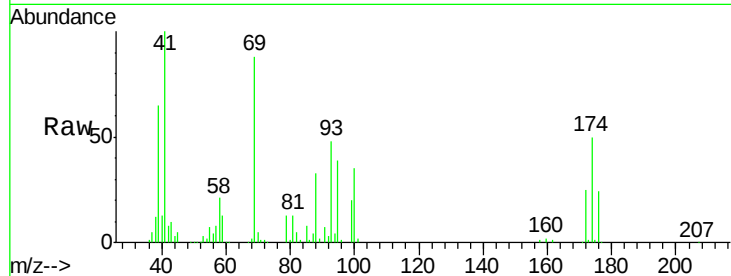
#49
1,4-Dioxane
Concen: 1022.318 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVFN011320

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	29.7	44.5#
58	64.7	56.6	85.0

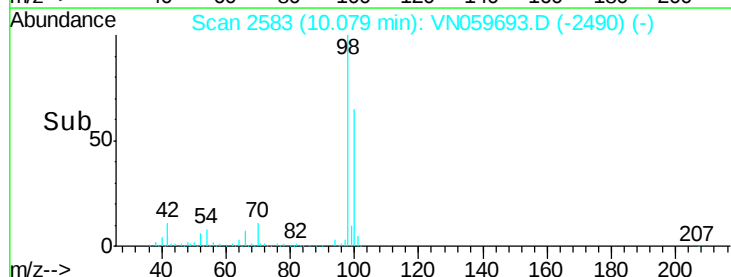
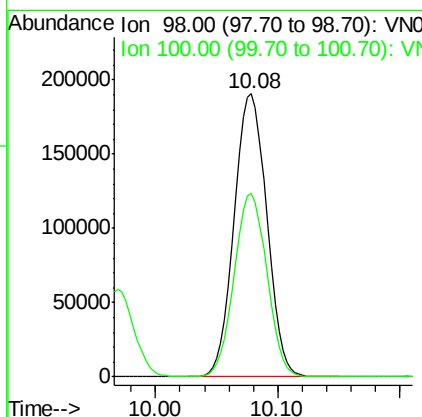
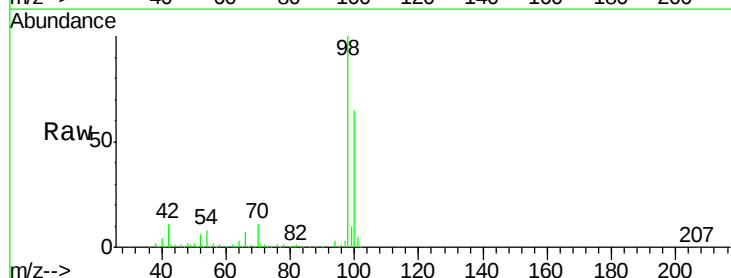
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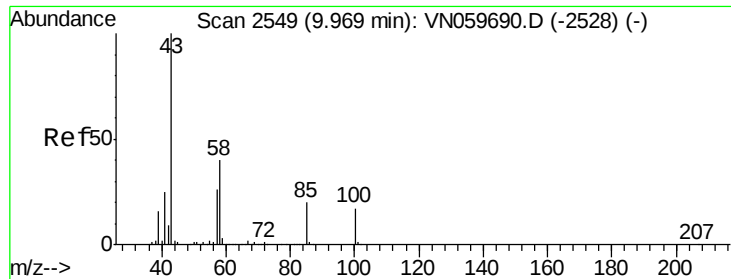
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#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 246.314 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion: 43 Resp: 636874

Ion Ratio Lower Upper

43 100

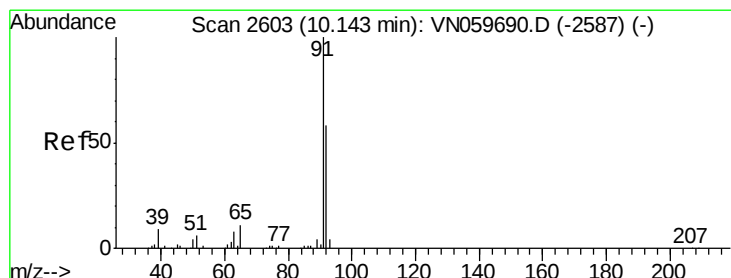
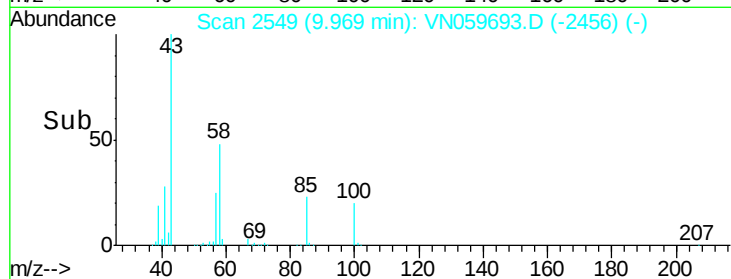
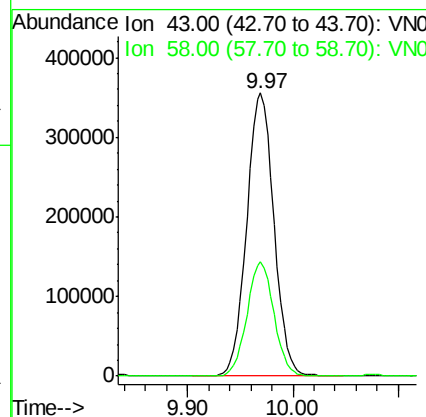
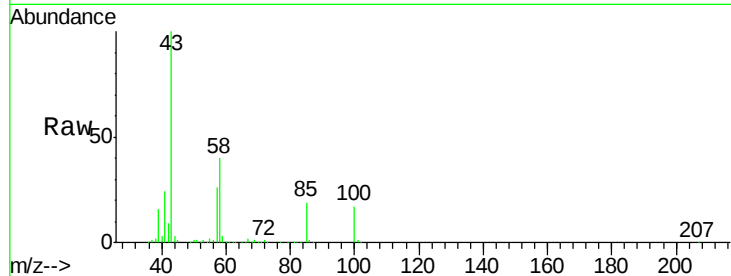
58 40.0 29.8 44.8

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#52

Toluene

Concen: 49.361 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059693.D

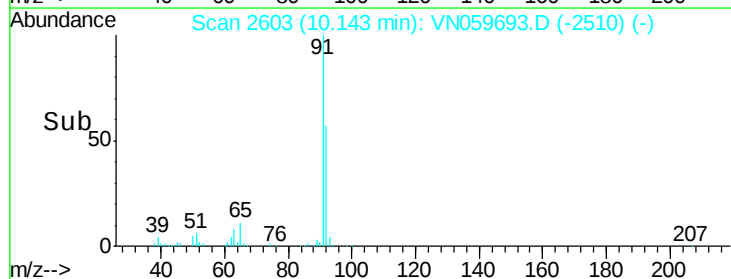
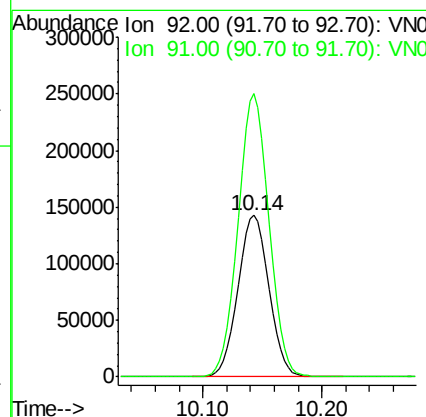
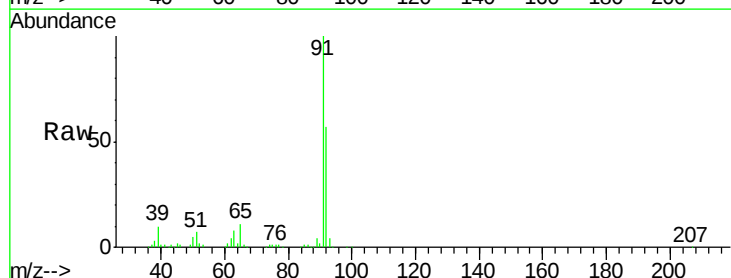
Acq: 13 Jan 2020 17:39

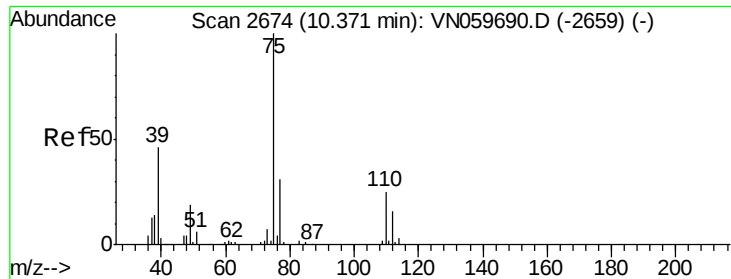
Tgt Ion: 92 Resp: 257809

Ion Ratio Lower Upper

92 100

91 174.2 140.4 210.6





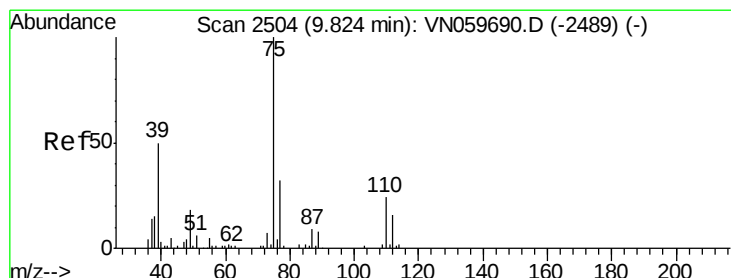
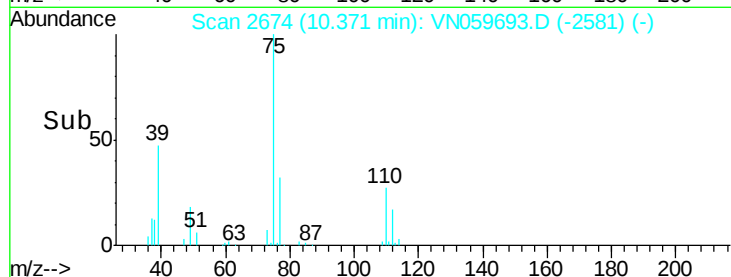
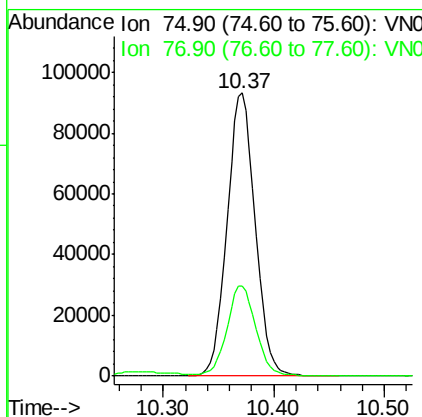
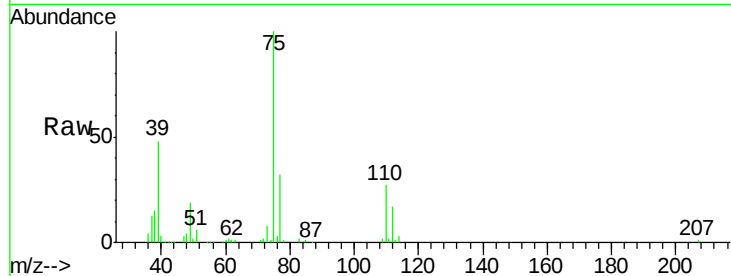
#53
t-1,3-Dichloropropene
Concen: 50.645 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampled :
ICVVN011320

Tot Ion: 75 Resp: 164479
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

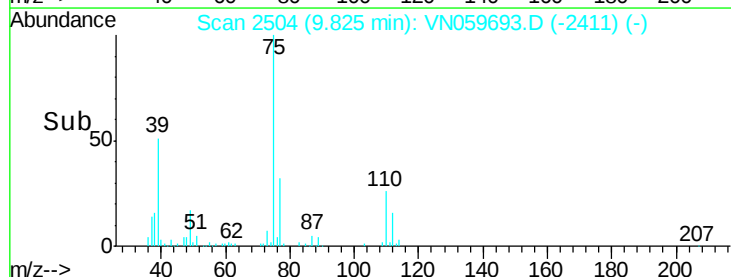
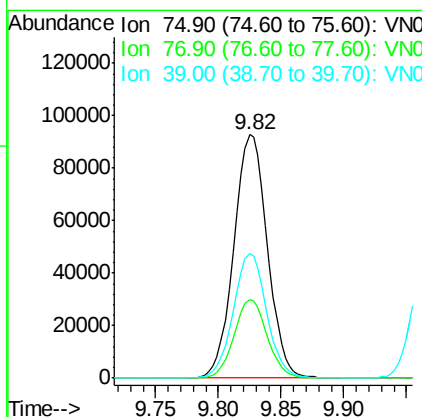
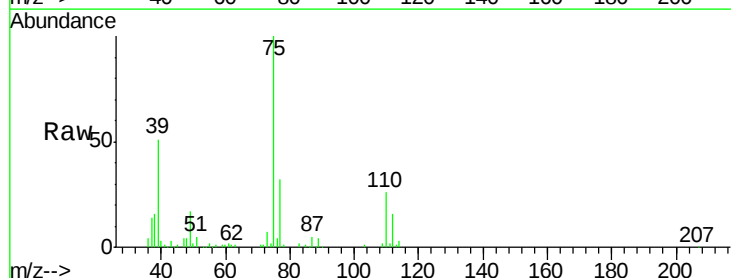
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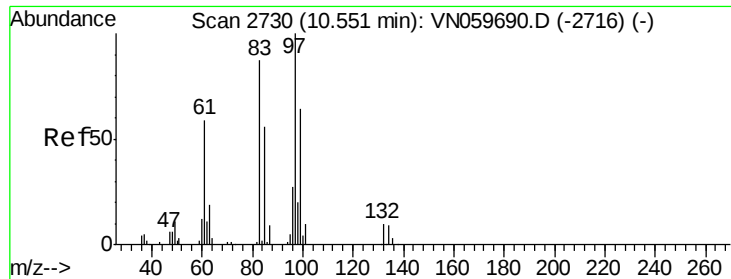
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#54
cis-1,3-Dichloropropene
Concen: 50.452 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion: 75 Resp: 172404
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
39 51.2 46.1 69.1





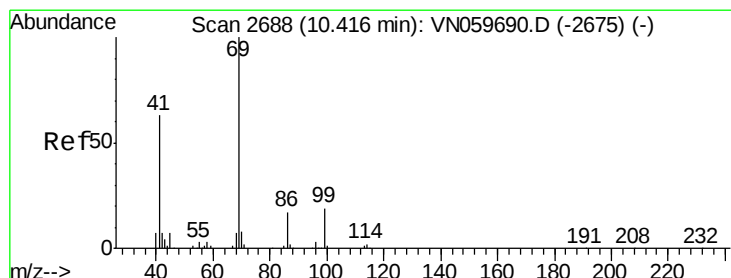
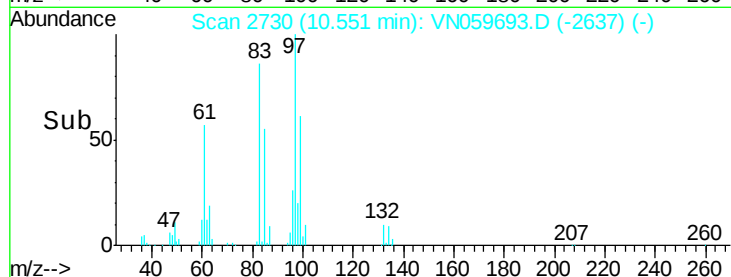
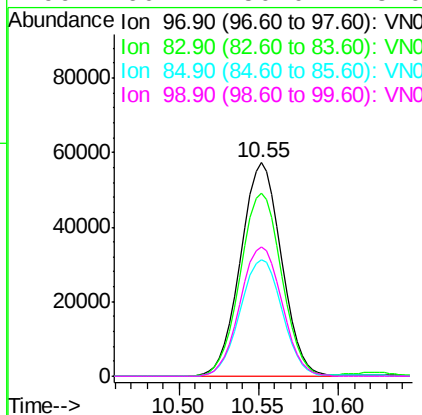
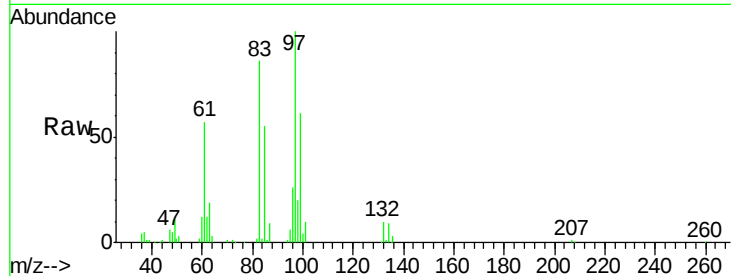
#55
 1,1,2-Trichloroethane
 Concen: 48.502 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.8	71.3	106.9
85	54.8	45.8	68.8
99	60.7	50.0	75.0

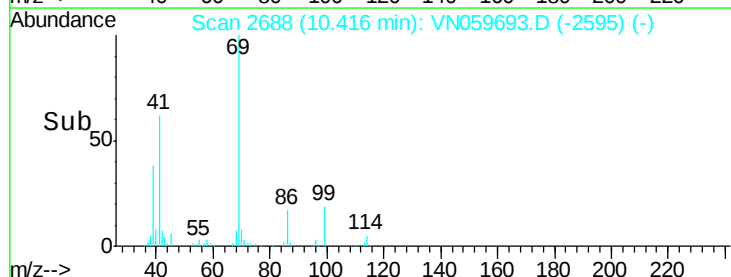
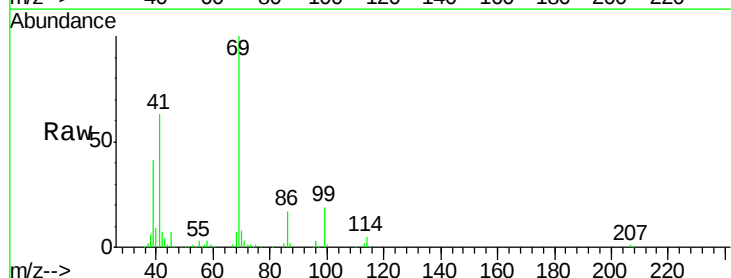
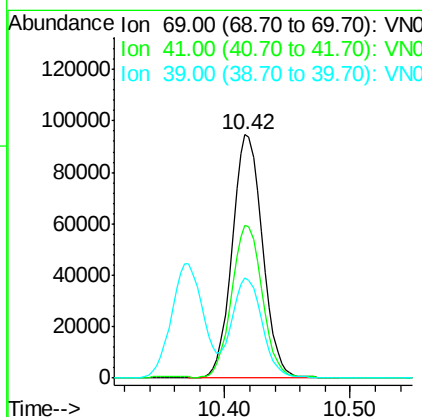
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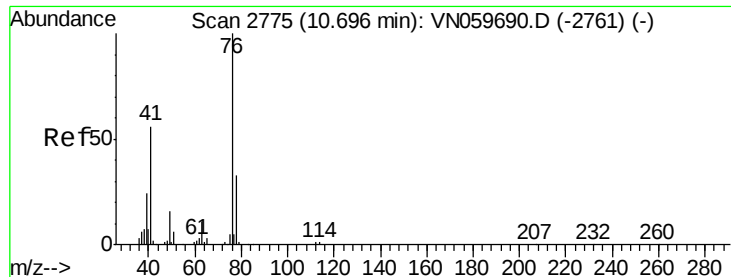
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#56
 Ethyl methacrylate
 Concen: 50.334 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.8	57.1	85.7
39	41.2	34.7	52.1





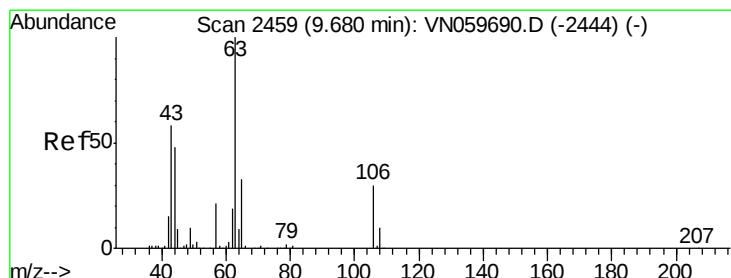
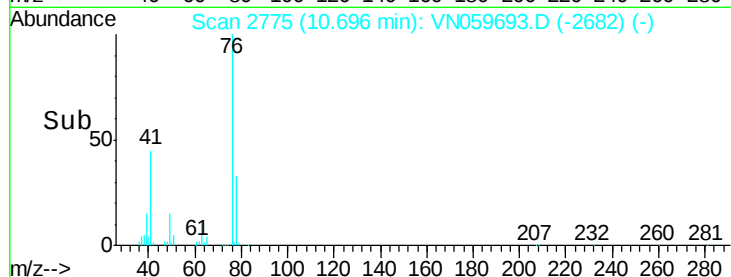
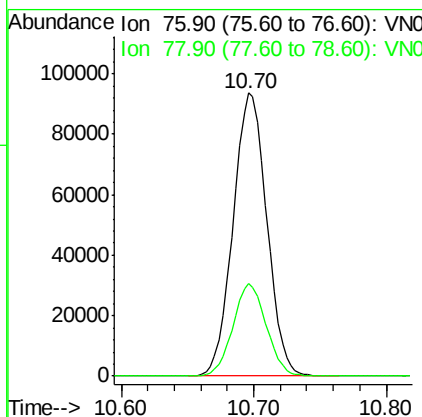
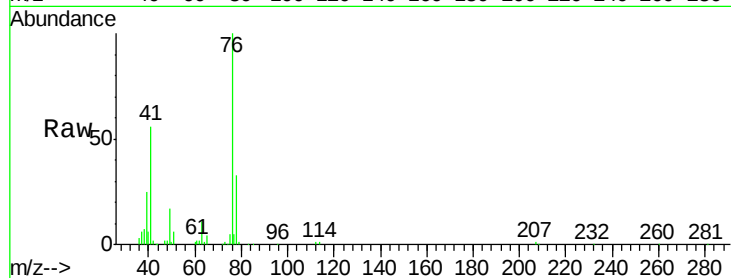
#57
 1,3-Dichloropropane
 Concen: 50.382 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

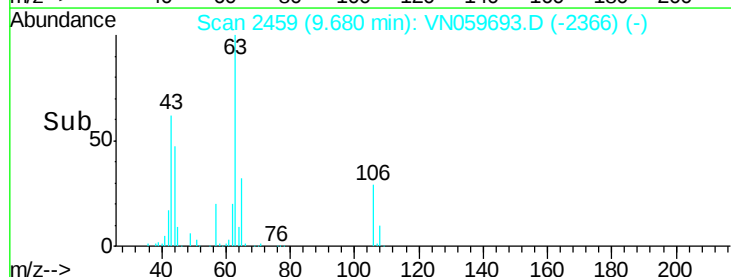
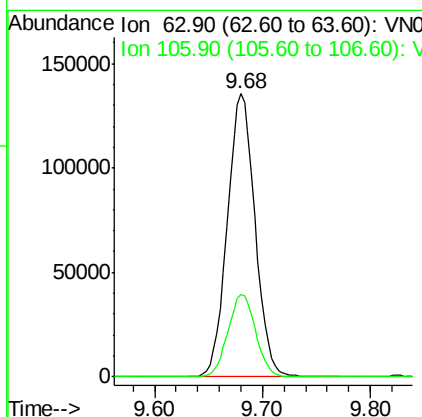
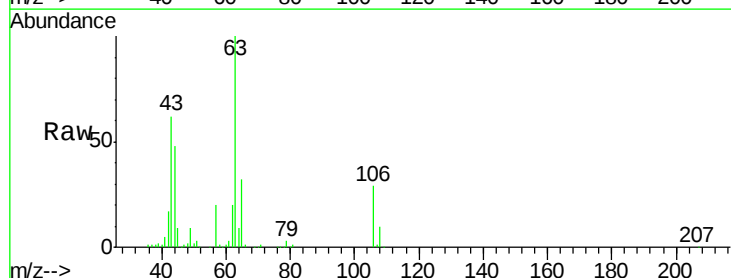
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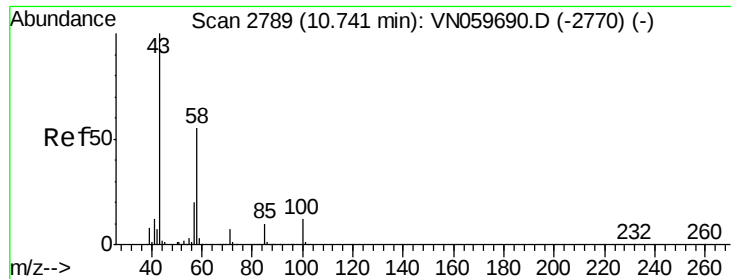
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#58
 2-Chloroethyl Vinyl ether
 Concen: 254.373 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.2	20.2	30.2





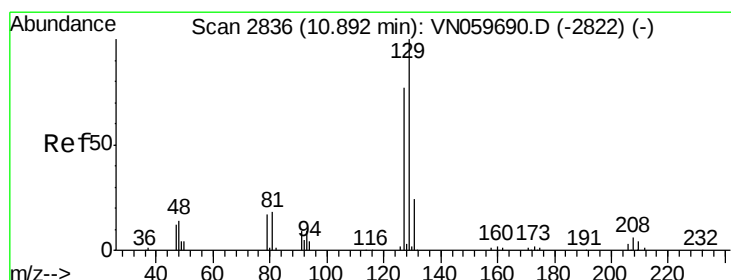
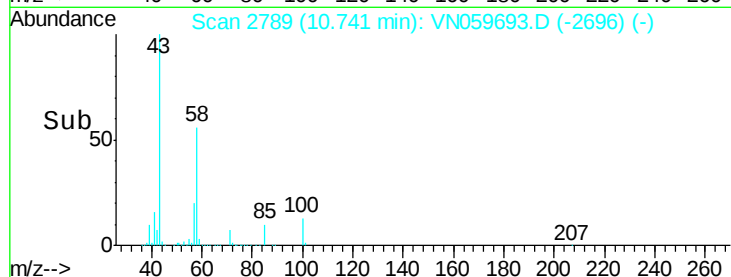
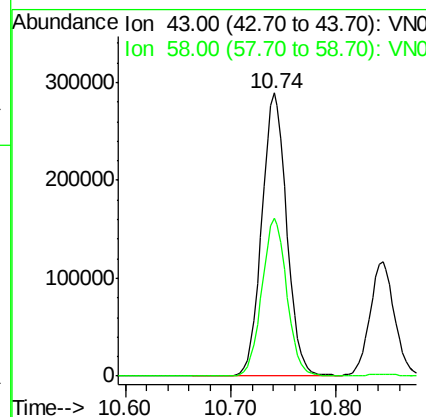
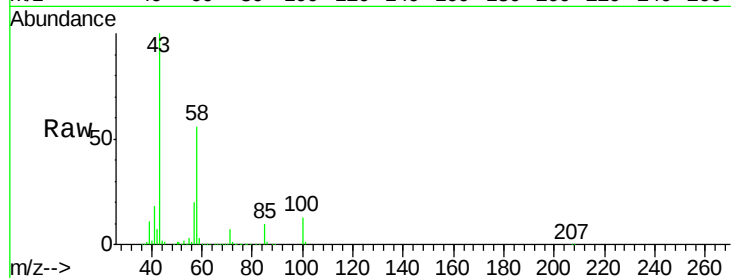
#59
2-Hexanone
Concen: 250.730 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion: 43 Resp: 477600
Ion Ratio Lower Upper
43 100
58 55.8 25.8 77.3

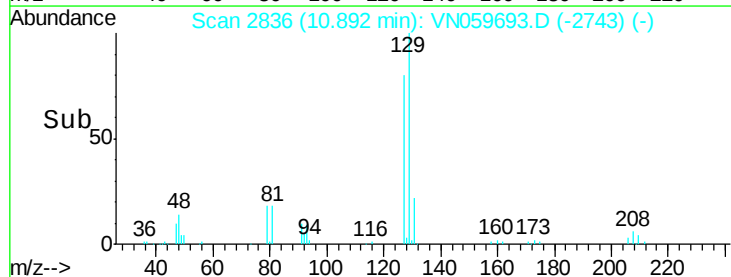
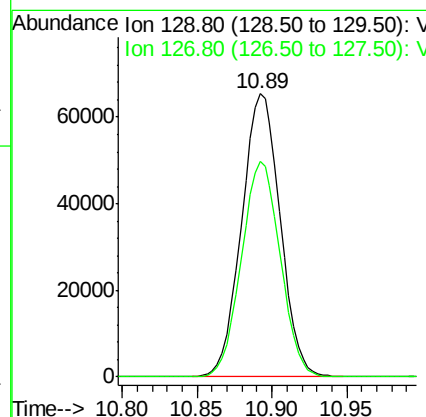
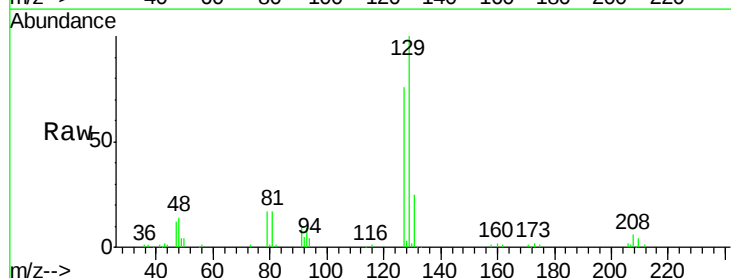
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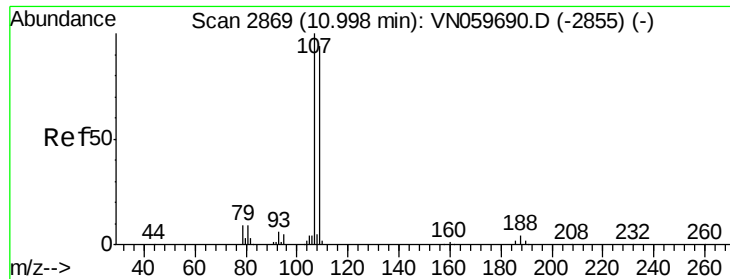
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#60
Dibromochloromethane
Concen: 49.822 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion: 129 Resp: 117363
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





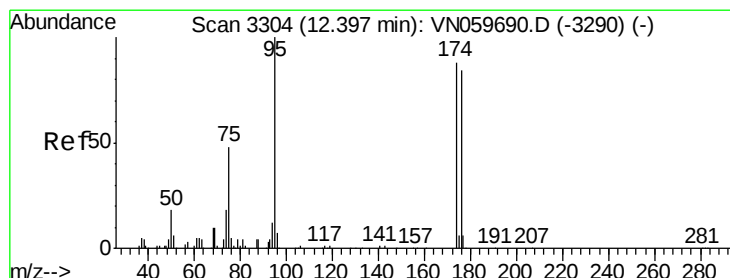
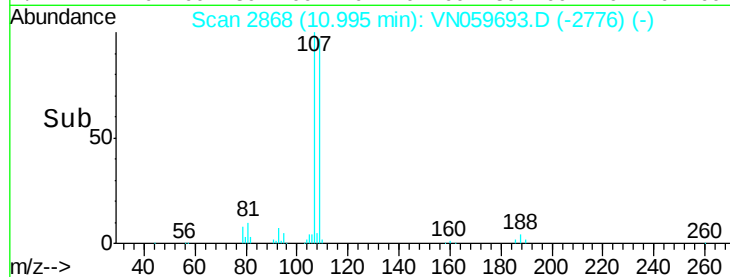
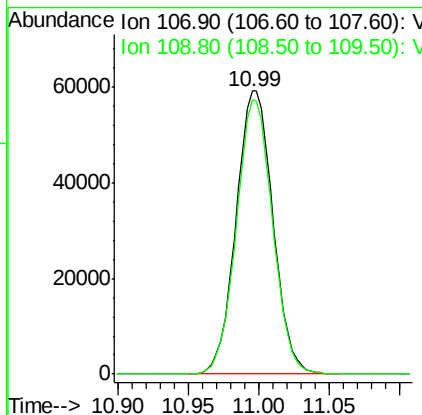
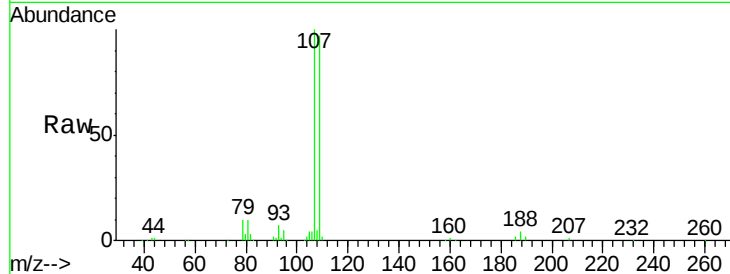
#61
 1,2-Dibromoethane
 Concen: 49.957 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Resp	Lower	Upper
107	100	108313		
109	95.3	76.6	115.0	

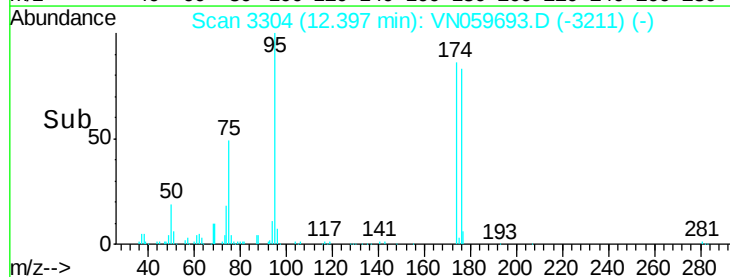
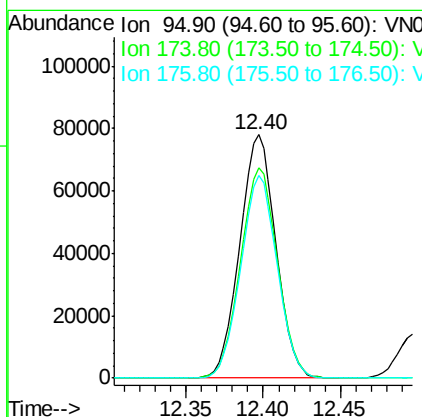
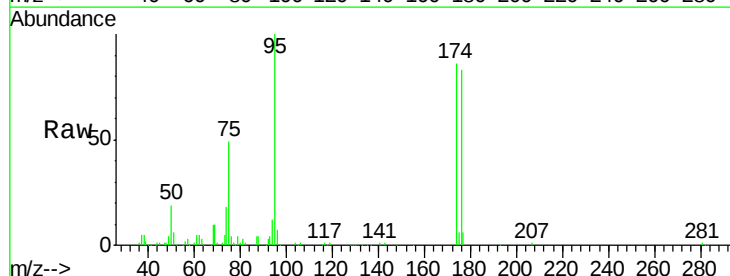
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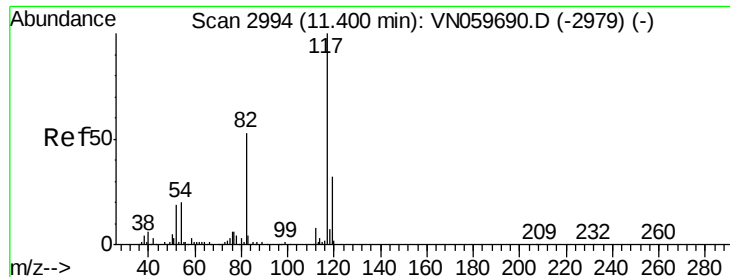
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 1/14/2020 11:00:06 AM



#62
 4-Bromofluorobenzene
 Concen: 47.835 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	126855		
174	88.3	0.0	151.4	
176	84.1	0.0	146.0	





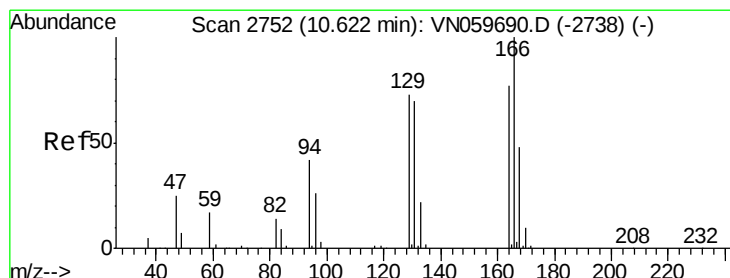
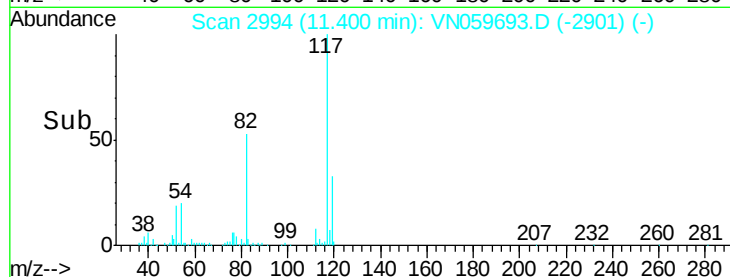
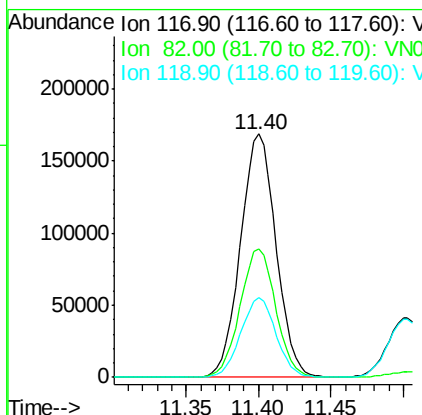
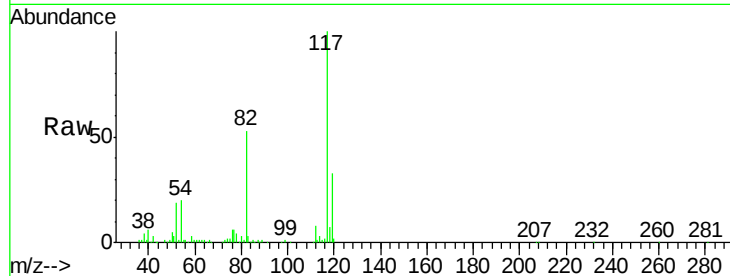
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.9	68.9
119	32.5	25.5	38.3

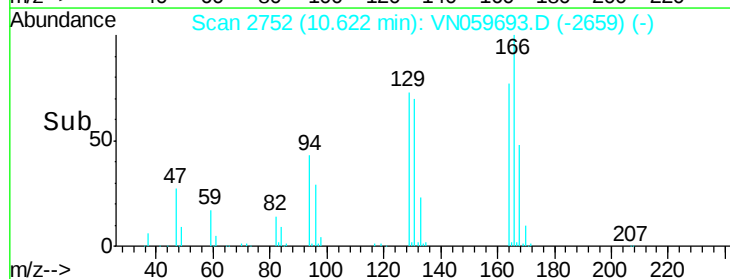
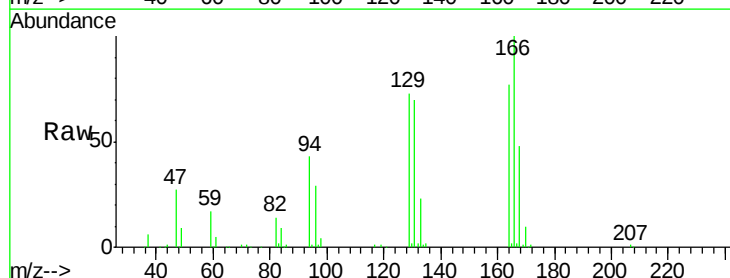
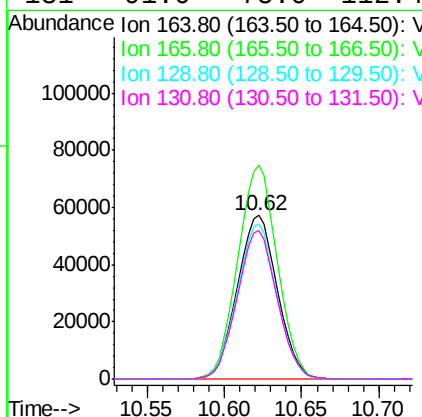
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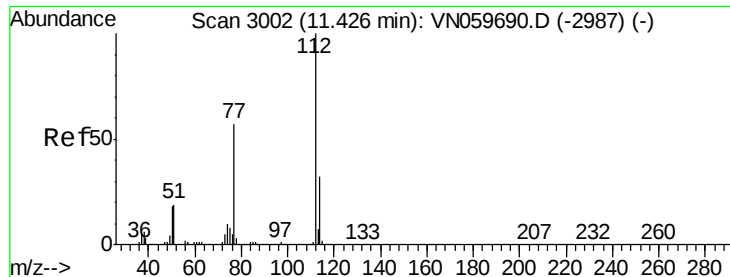
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1/14/2020 11:00:06 AM



#64
Tetrachloroethene
Concen: 43.911 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	101.4	152.0
129	95.0	80.2	120.4
131	91.0	75.0	112.4





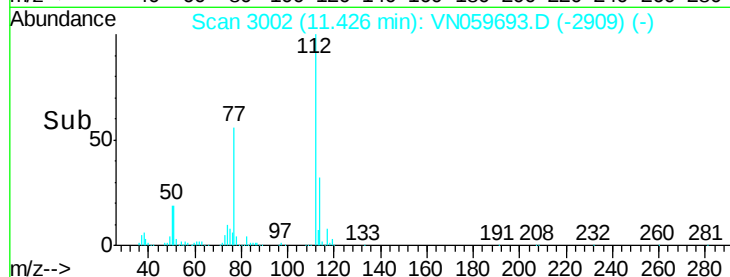
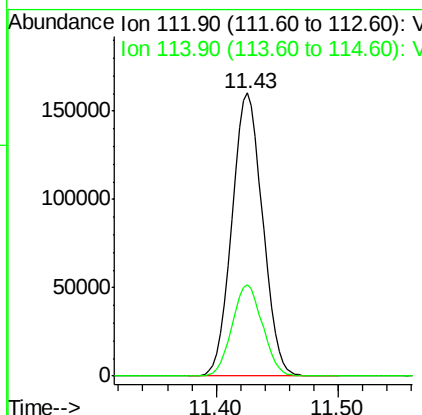
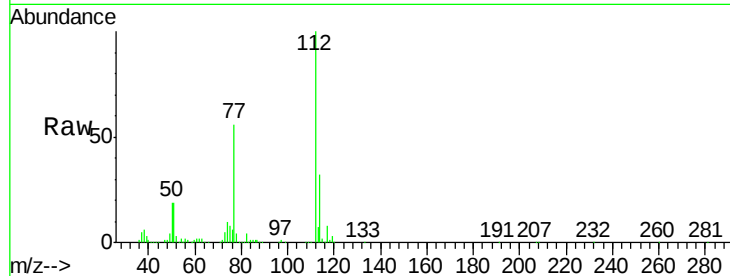
#65
Chlorobenzene
Concen: 49.558 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion:112 Resp: 279883
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

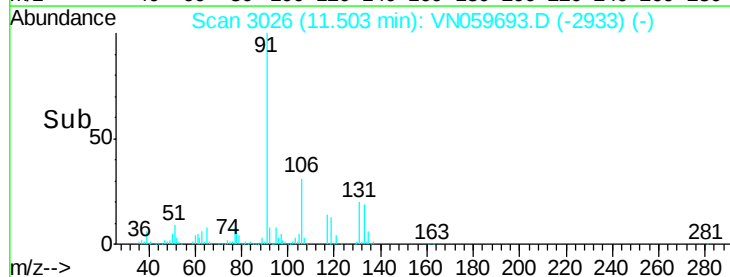
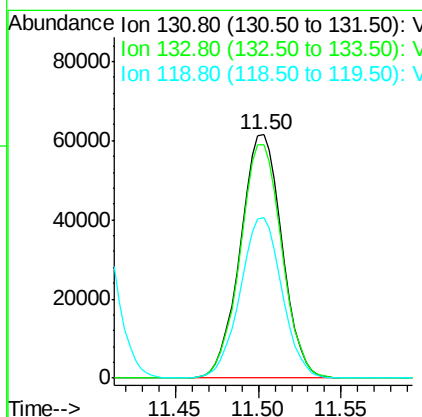
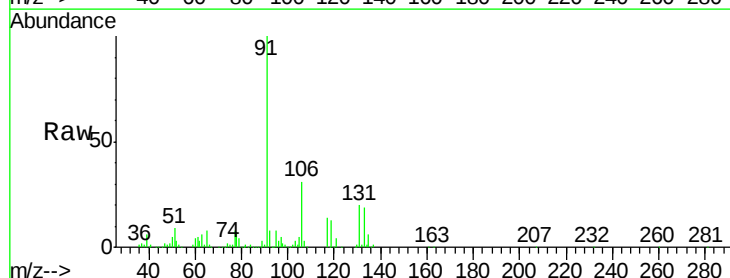
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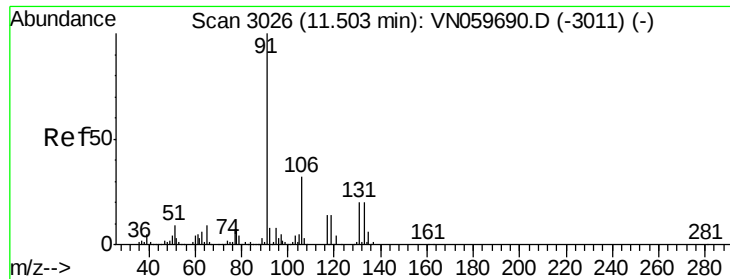
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.350 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion:131 Resp: 107693
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 66.0 33.1 99.3





#67

Ethyl Benzene

Concen: 49.149 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampleId :

ICVVN011320

Tot Ion: 91 Resp: 503884

Ion Ratio Lower Upper

91 100

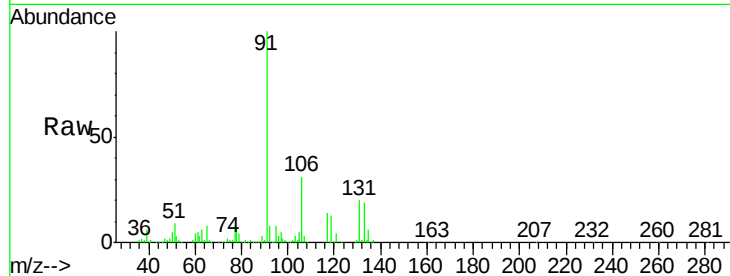
106 31.3 24.1 36.1

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Abundance Ion 91.00 (90.70 to 91.70): VN059693.D (-2933) (-)

Ion 106.00 (105.70 to 106.70): VN059693.D (-2933) (-)

400000

300000

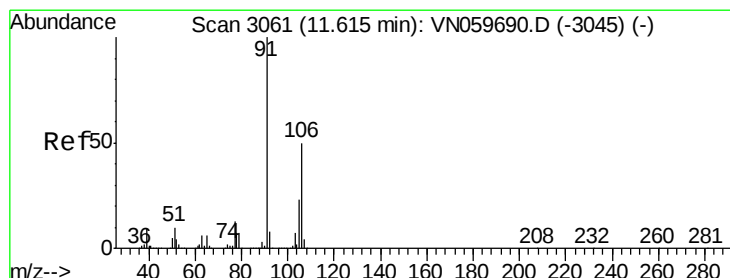
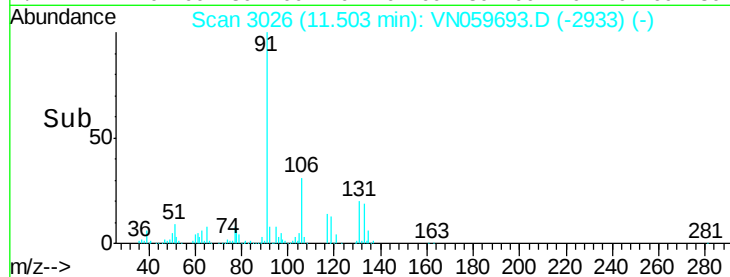
200000

100000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 99.049 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059693.D

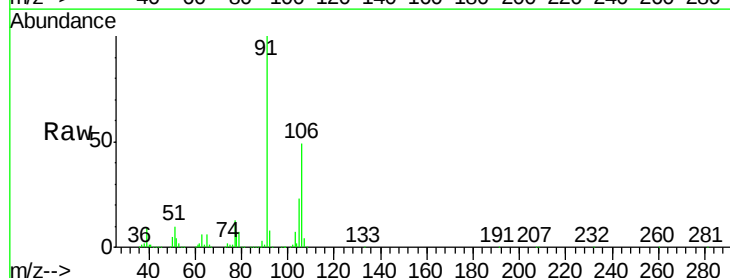
Acq: 13 Jan 2020 17:39

Tgt Ion: 106 Resp: 383587

Ion Ratio Lower Upper

106 100

91 201.2 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059693.D (-2968) (-)

Ion 91.00 (90.70 to 91.70): VN059693.D (-2968) (-)

400000

300000

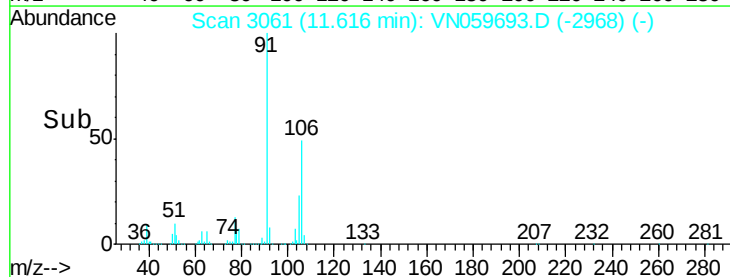
200000

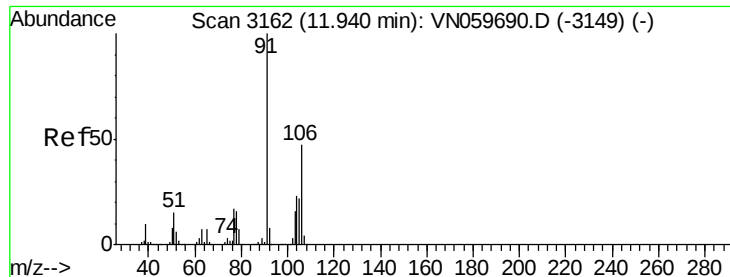
100000

0

11.50 11.60 11.70

Time-->





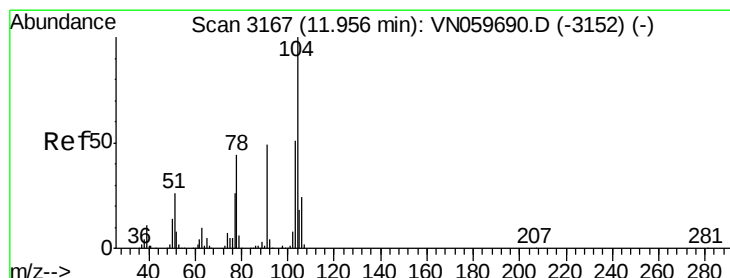
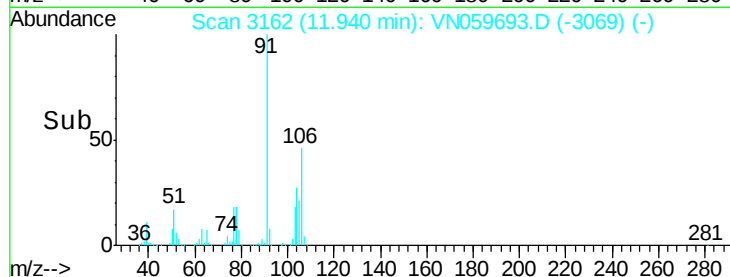
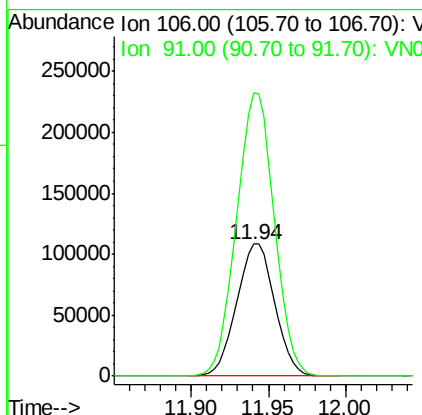
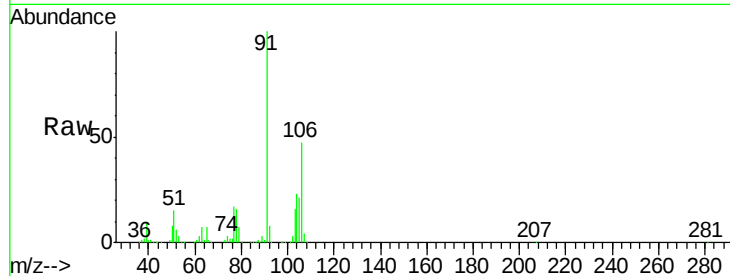
#69
o-Xylene
Concen: 48.837 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	212.8	110.3	185160	330.9	

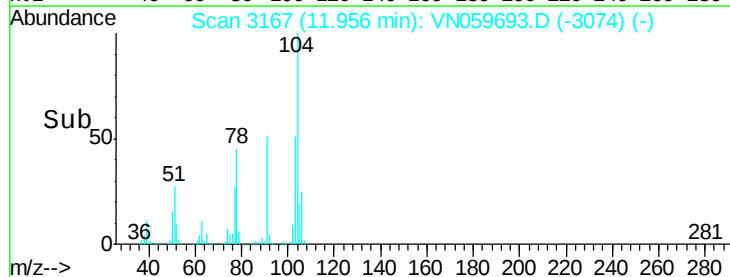
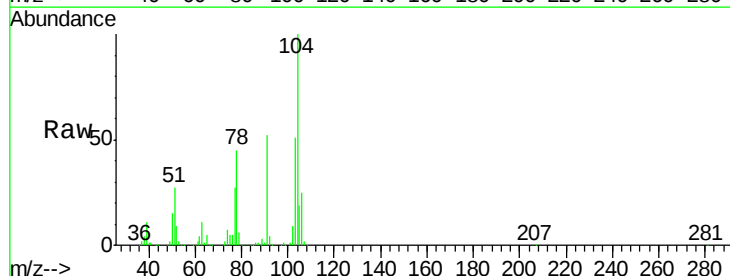
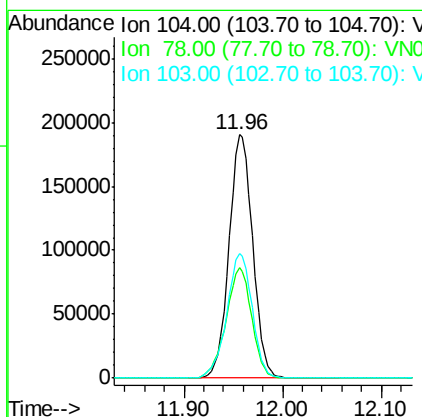
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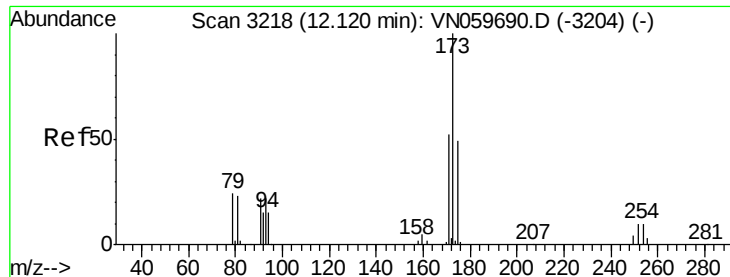
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#70
Styrene
Concen: 50.039 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.1	42.4	317461	63.6	
103	55.1	43.9		65.9	





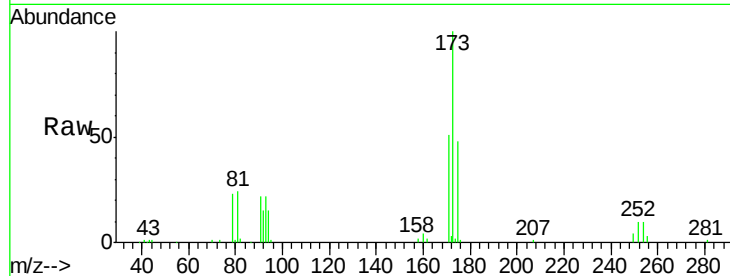
#71
Bromoform
Concen: 51.275 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

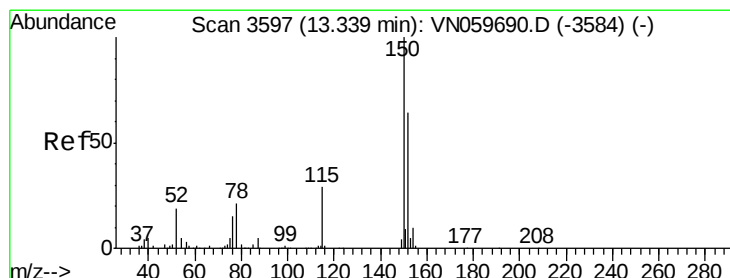
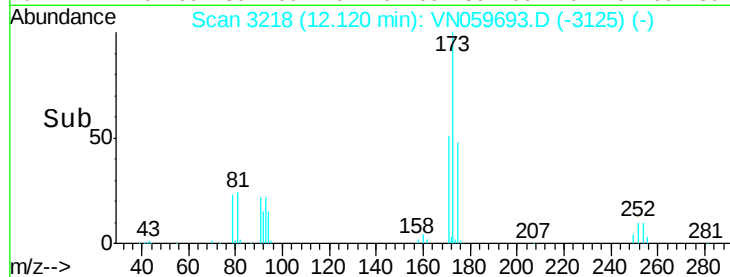
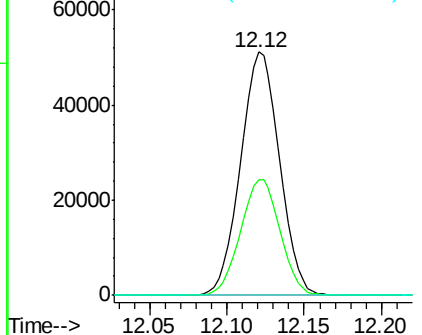
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.8	71.4
254	0.0	0.0	0.0

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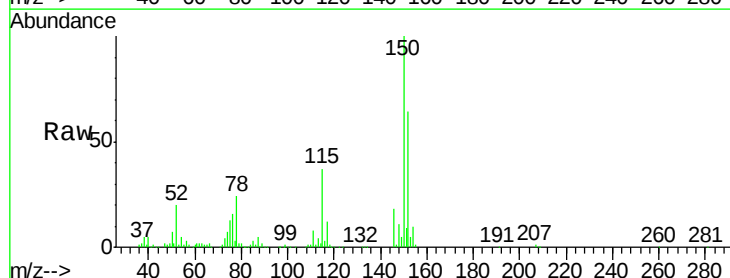


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

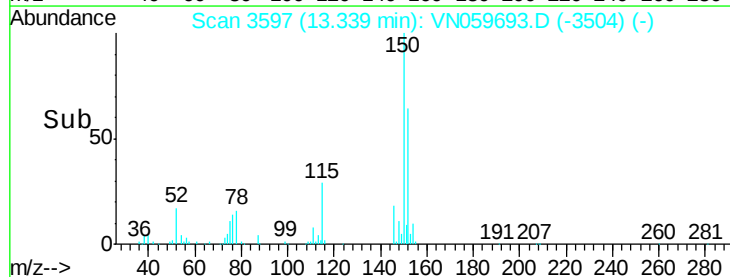
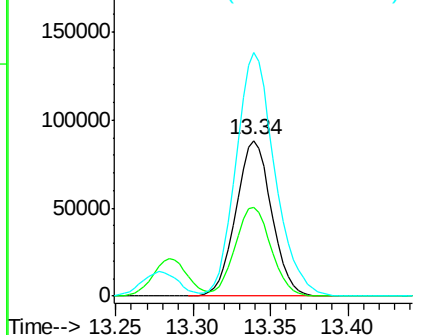


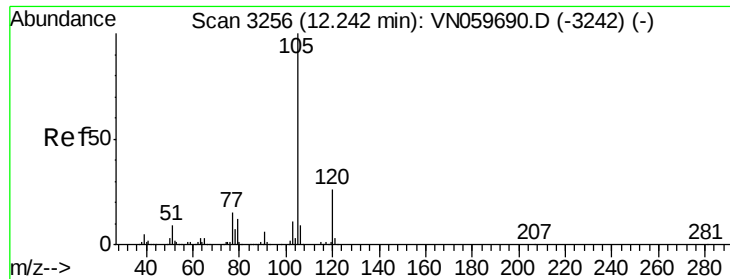
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	30.3	90.9
150	170.6	0.0	345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





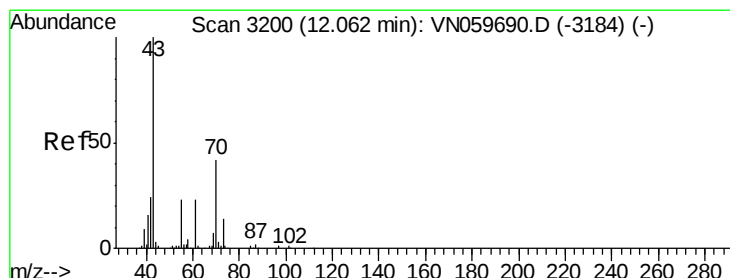
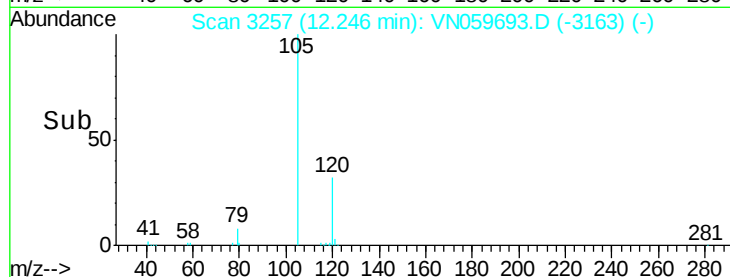
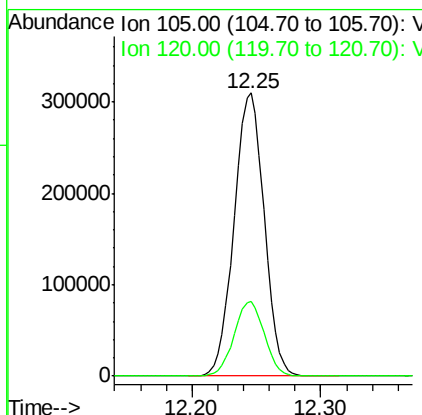
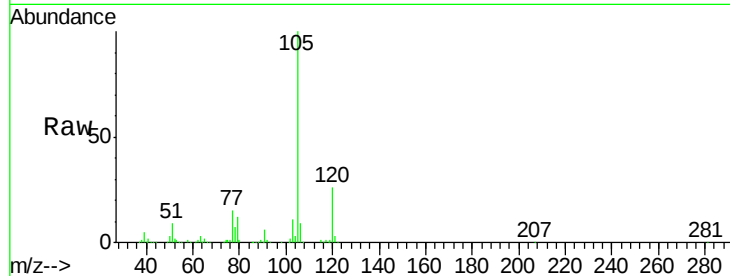
#73
Isopropylbenzene
Concen: 48.431 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.5

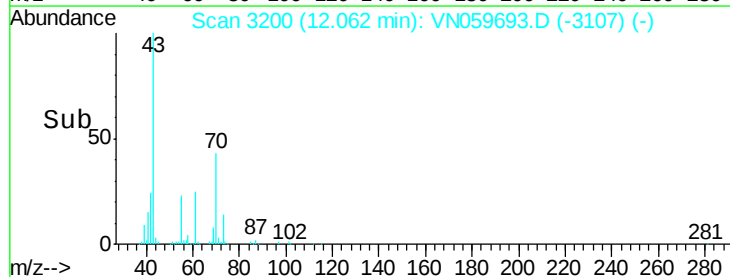
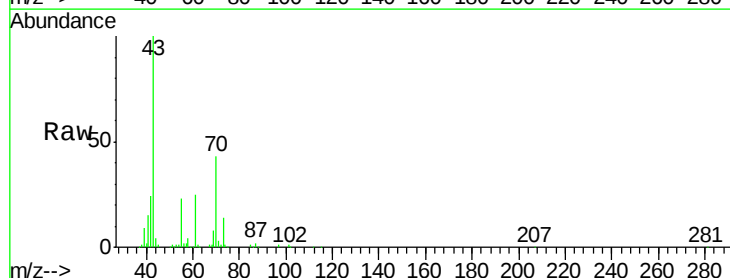
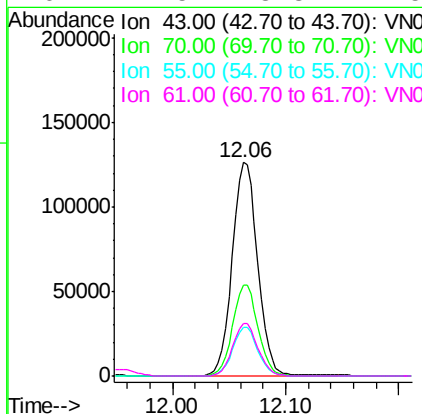
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#74
N-ethyl acetate
Concen: 48.924 ug/l
RT: 12.06 min Scan# 3200
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	31.3	46.9
55	22.8	19.8	29.6
61	24.5	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.228 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

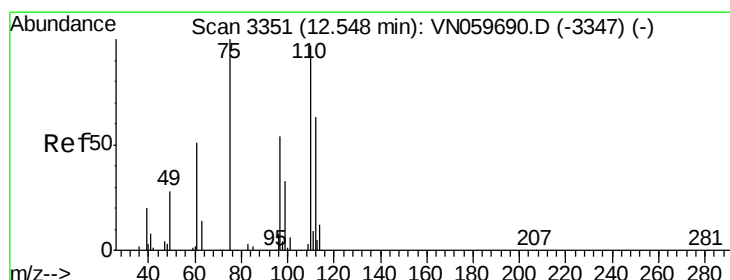
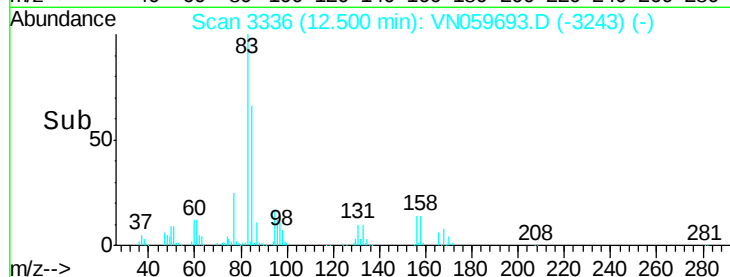
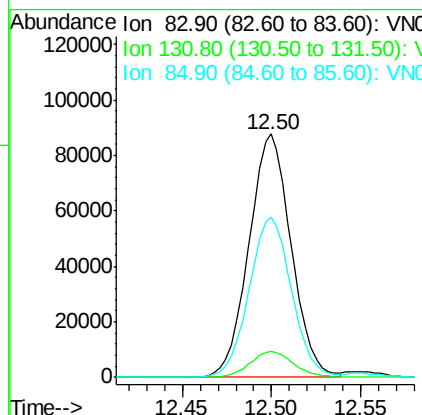
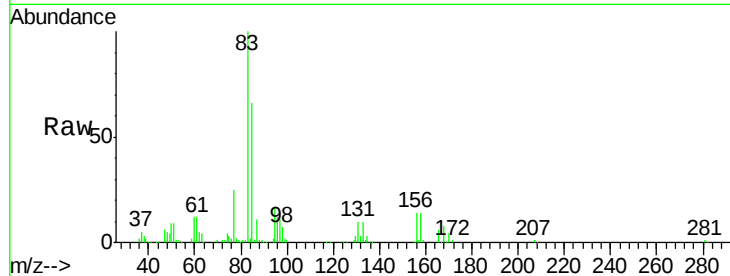
ClientSampleId :

ICVVN011320

Tot Ion:	83	Resp:	145026
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.0	14.9
85	66.3	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 55.294 ug/l m

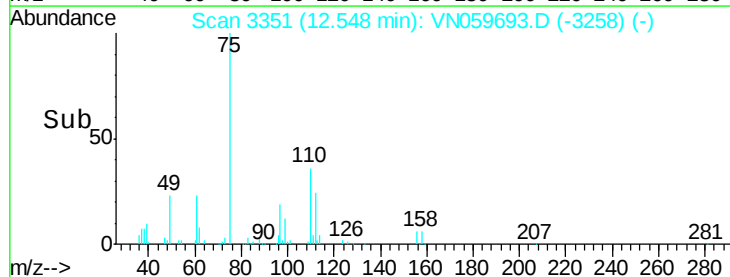
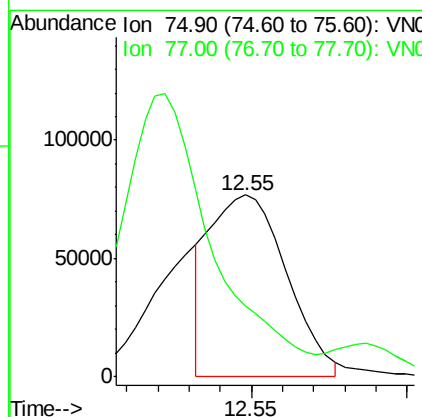
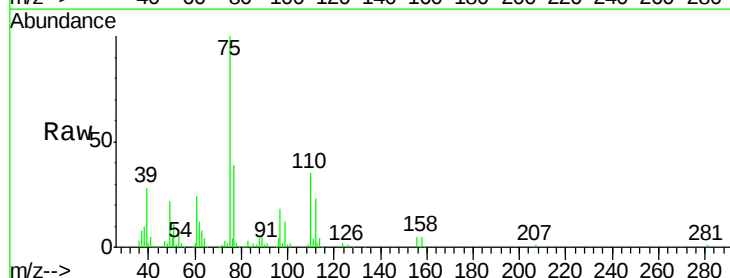
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	75	Resp:	131611
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.579 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

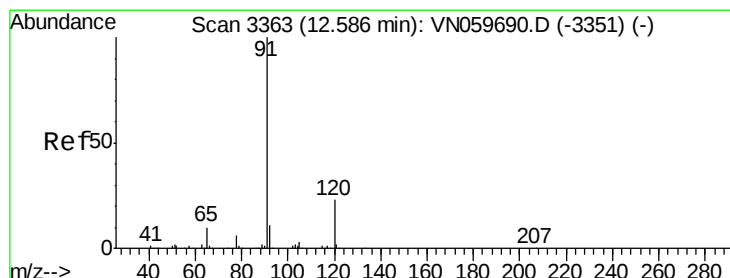
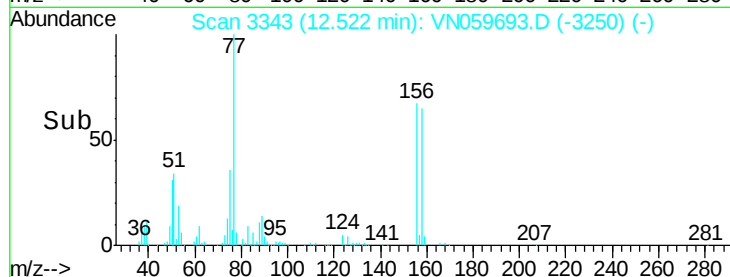
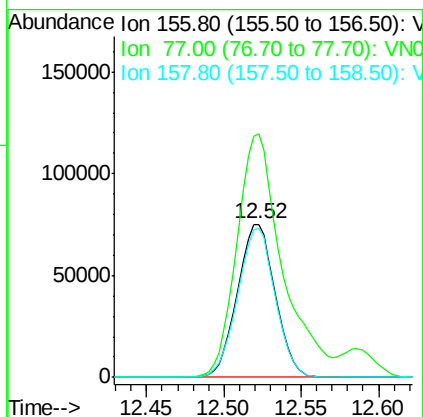
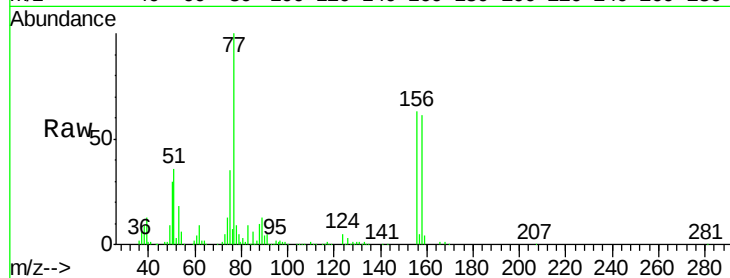
ClientSampleId :

ICVVN011320

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.5	115.8	347.4
158	96.9	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.964 ug/l

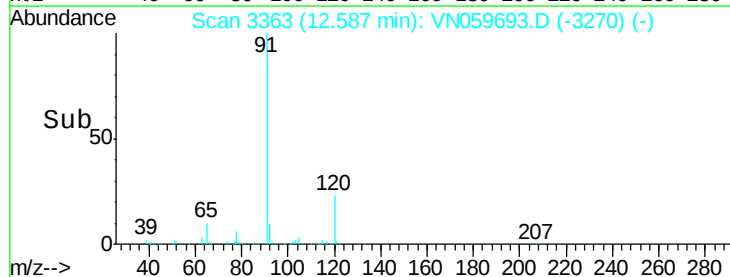
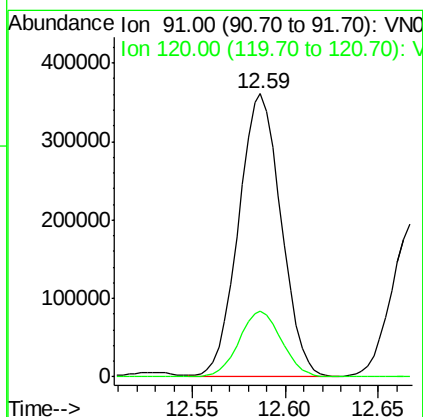
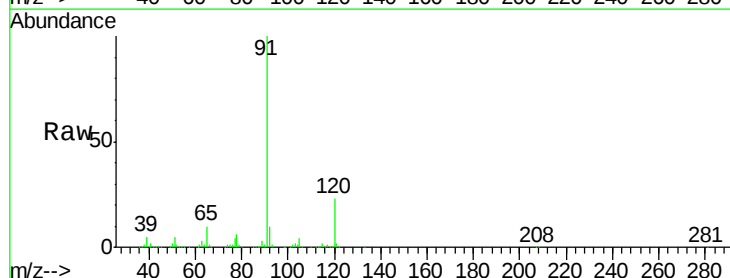
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.1	33.3





#79

2-Chlorotoluene

Concen: 47.559 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

ClientSampled :

ICVVN011320

Tot Ion: 91 Resp: 329397

Ion Ratio Lower Upper

91 100

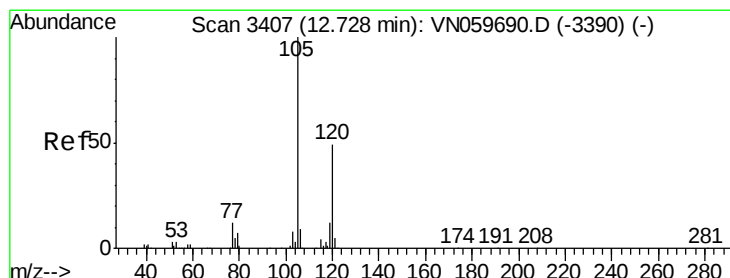
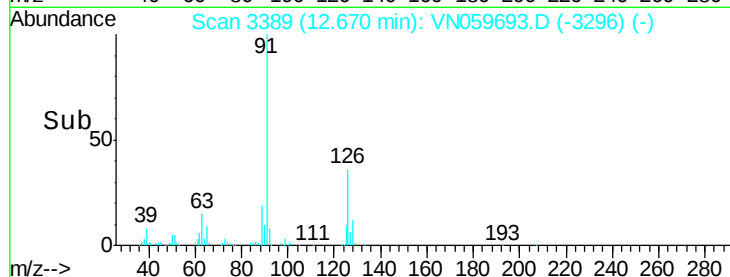
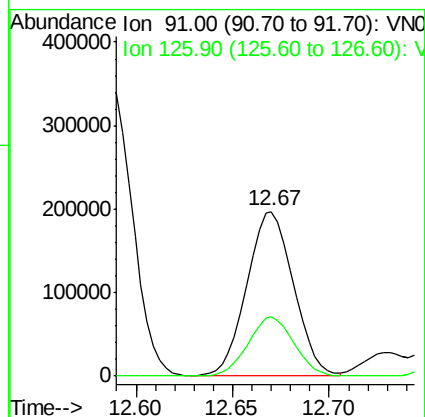
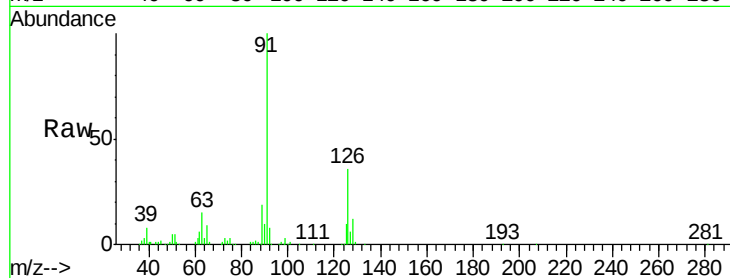
126 35.7 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 48.085 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059693.D

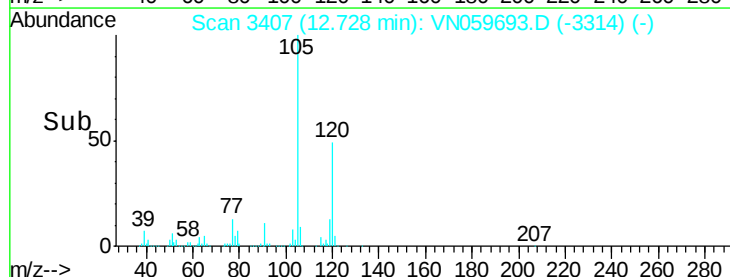
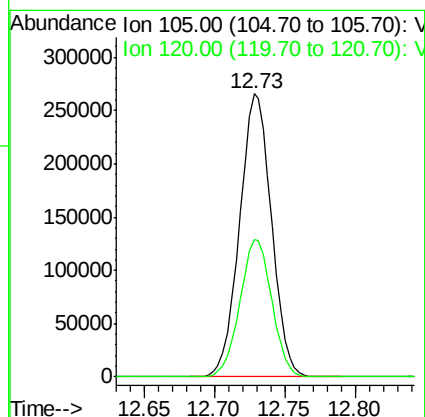
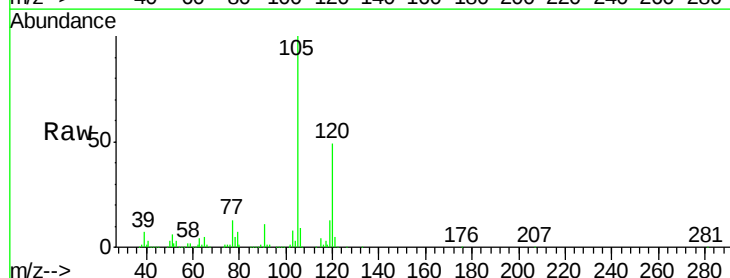
Acq: 13 Jan 2020 17:39

Tgt Ion: 105 Resp: 419466

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.359 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

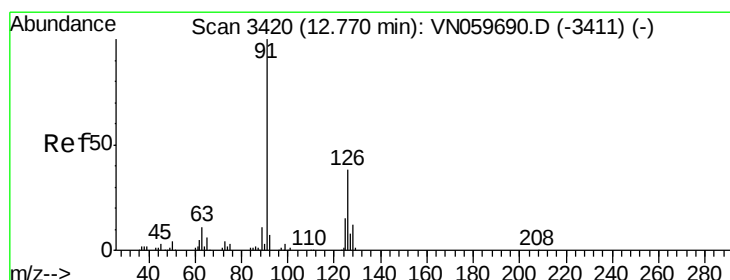
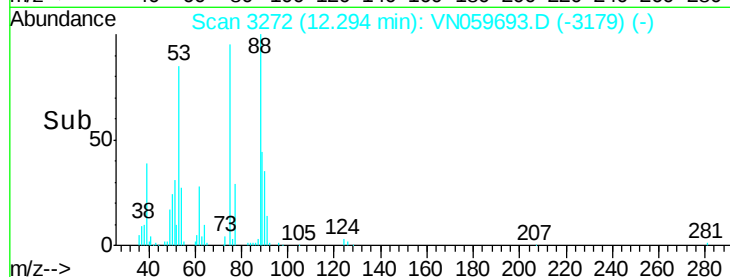
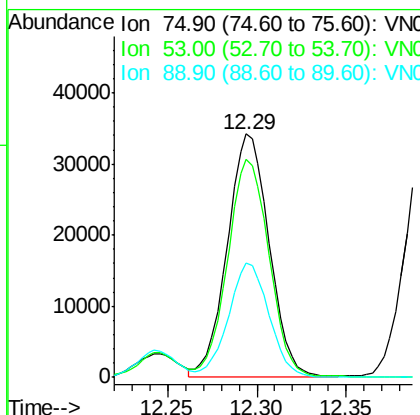
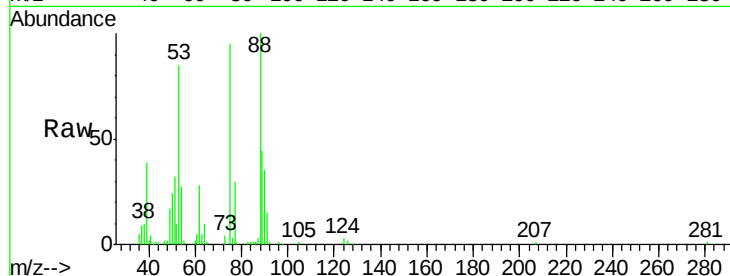
ClientSampleId :

ICVVN011320

Tot Ion:	75	Resp:	55816
Ion	Ratio	Lower	Upper
75	100		
53	88.6	78.1	117.1
89	45.3	35.4	53.2

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#82

4-Chlorotoluene

Concen: 49.272 ug/l

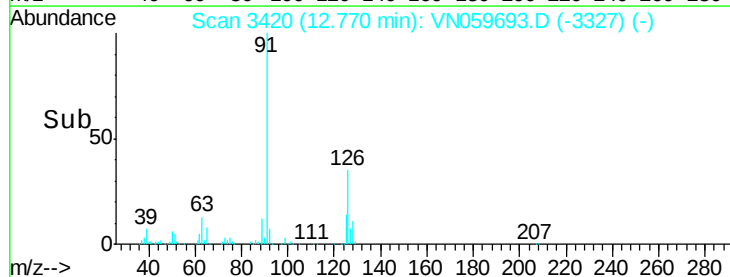
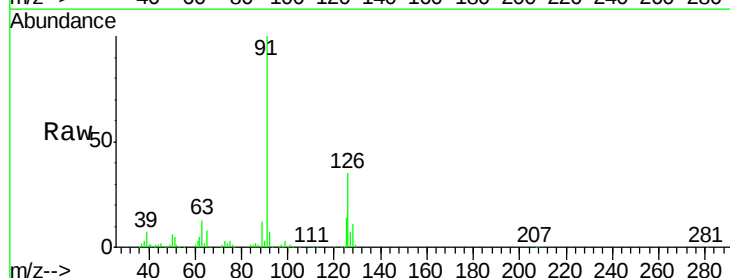
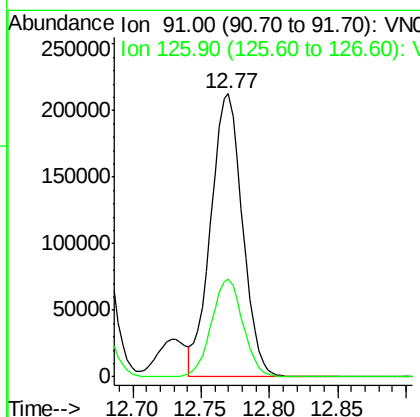
RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	91	Resp:	342289
Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.3	48.8





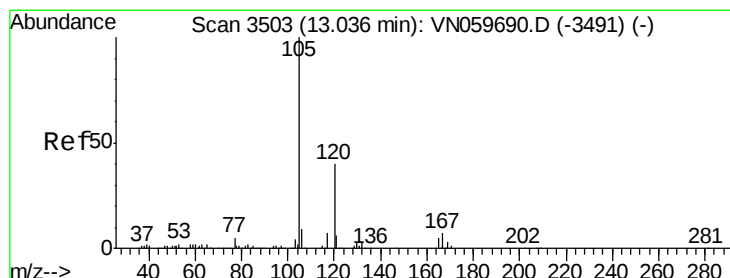
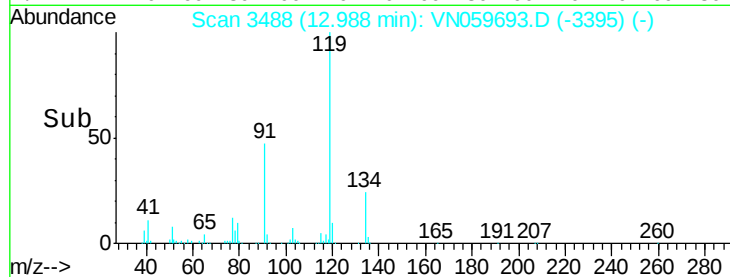
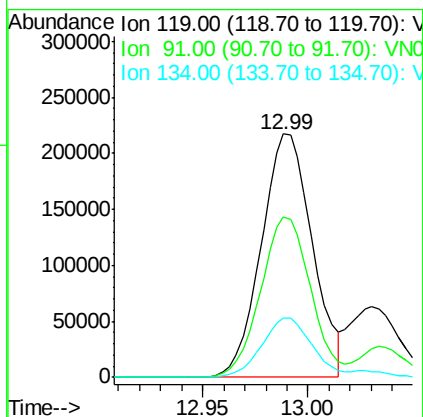
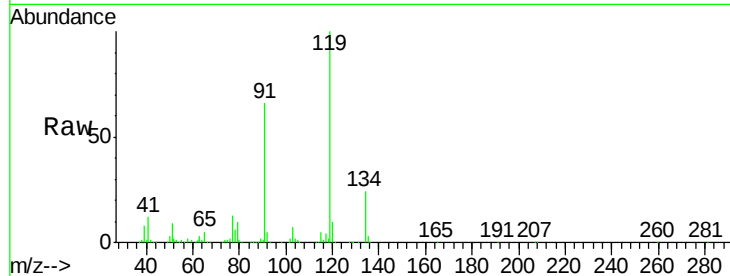
#83
tert-Butylbenzene
Concen: 48.445 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampled :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	34.8	104.4
134	24.3	12.3	36.9

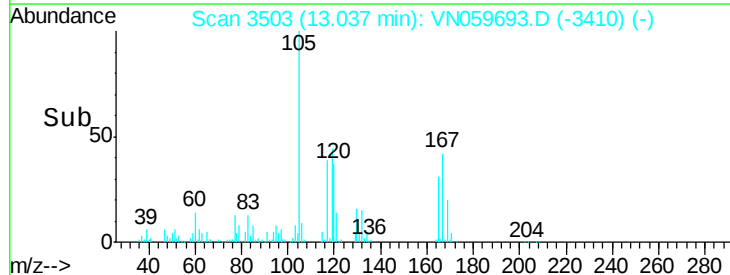
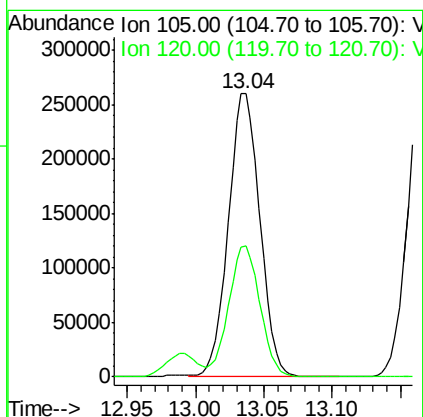
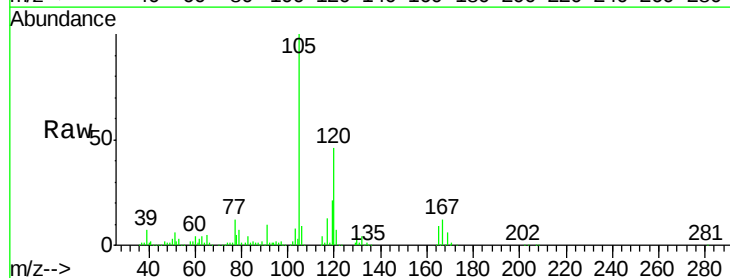
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#84
1,2,4-Trimethylbenzene
Concen: 48.283 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.3	66.9





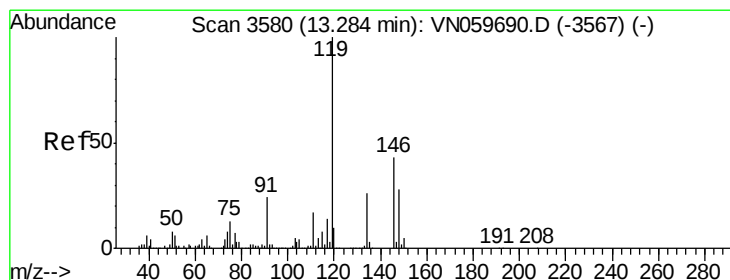
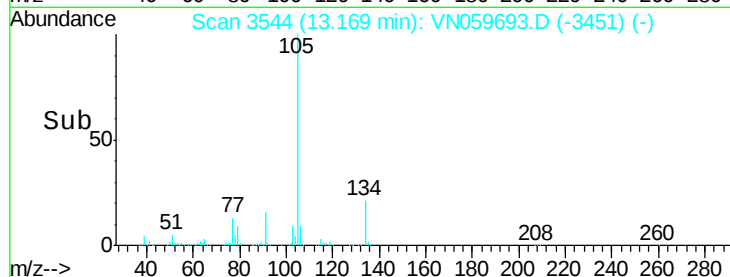
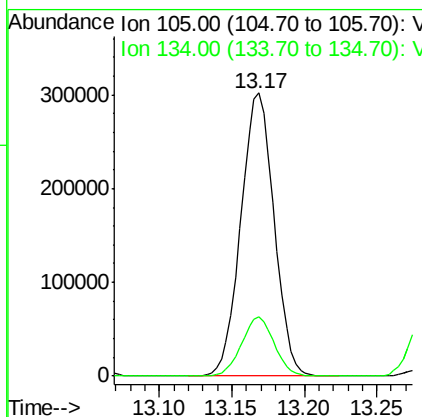
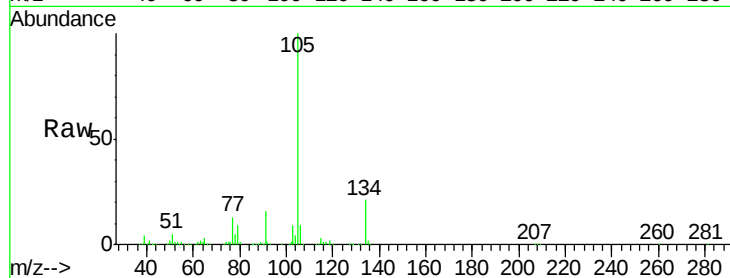
#85
 sec-Butylbenzene
 Concen: 48.556 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Resp	Lower	Upper
105	100	481315		
134	20.5	9.8	29.5	

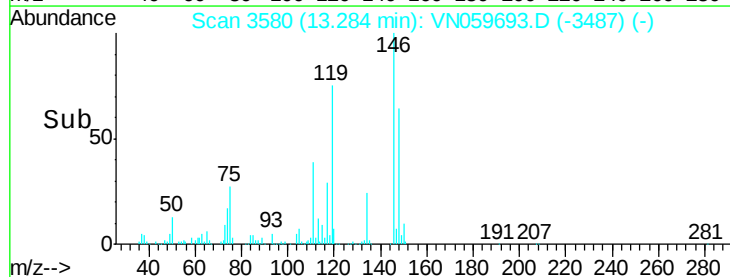
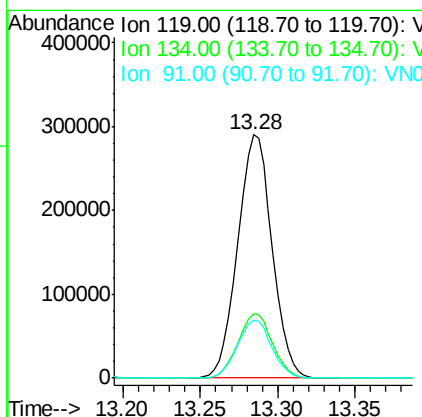
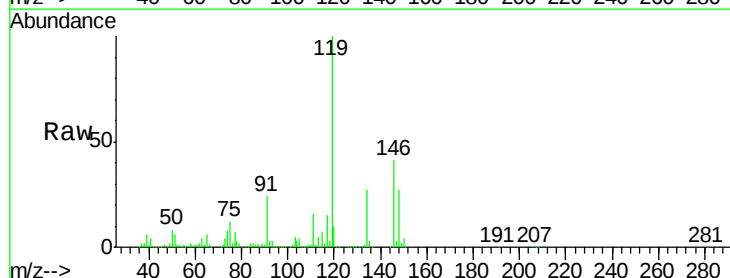
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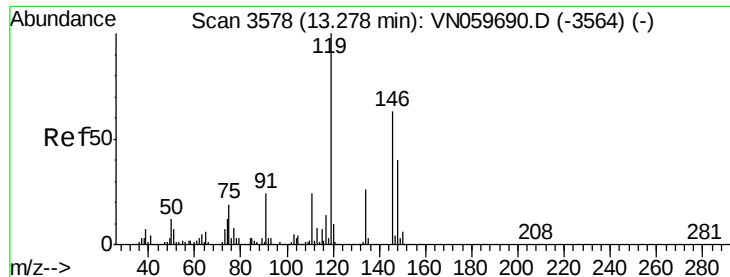
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#86
 p-Isopropyltoluene
 Concen: 48.684 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	446536		
134	26.6	12.9	38.7	
91	23.7	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 49.396 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059693.D

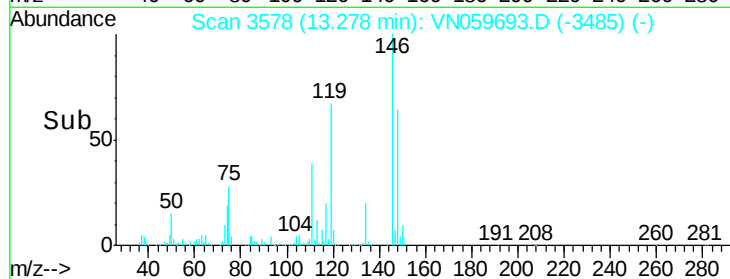
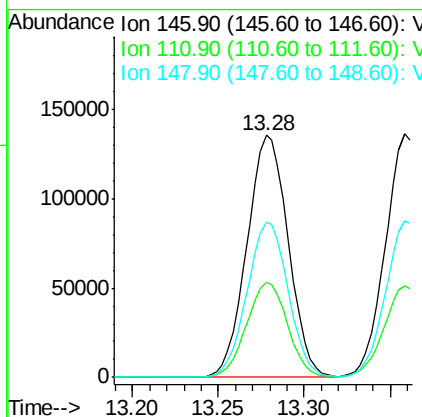
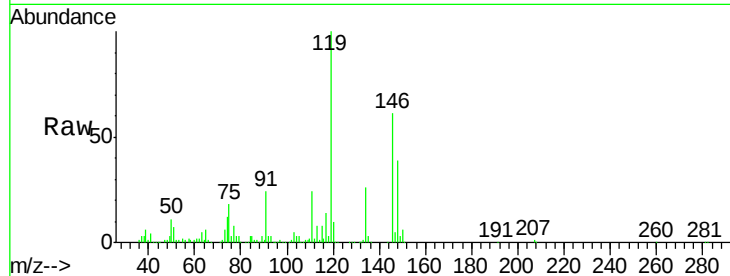
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Resp	Lower	Upper
146	100	225388		
111	39.0	20.8	62.2	
148	63.9	32.0	96.0	

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#88

1,4-Dichlorobenzene

Concen: 49.190 ug/l

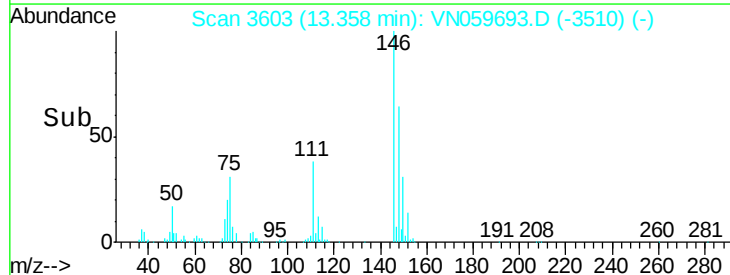
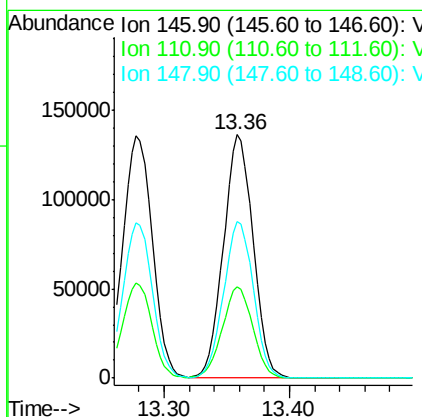
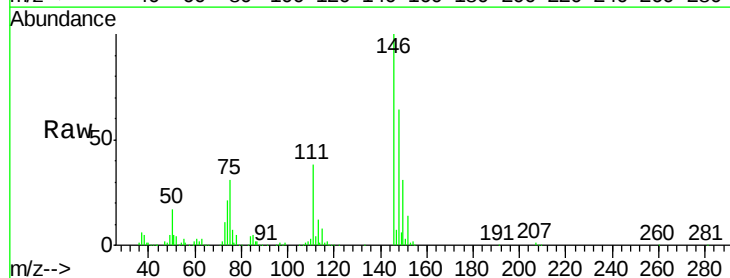
RT: 13.36 min Scan# 3603

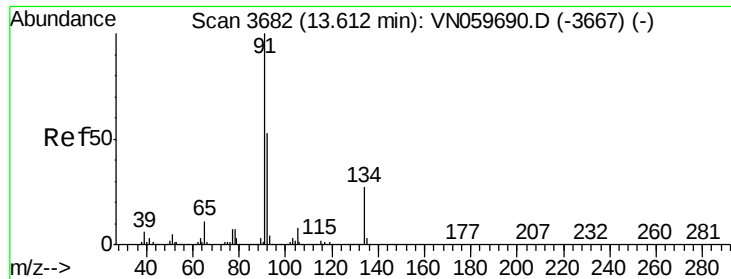
Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	223911		
111	38.4	20.8	62.2	
148	64.6	31.8	95.4	





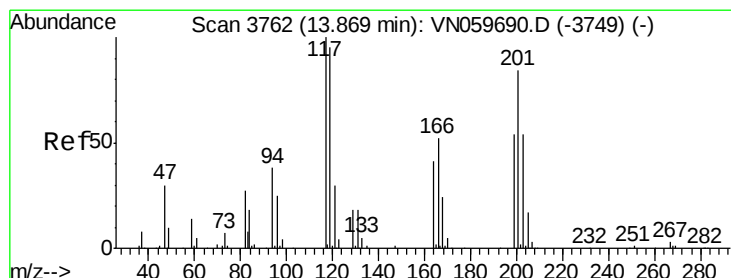
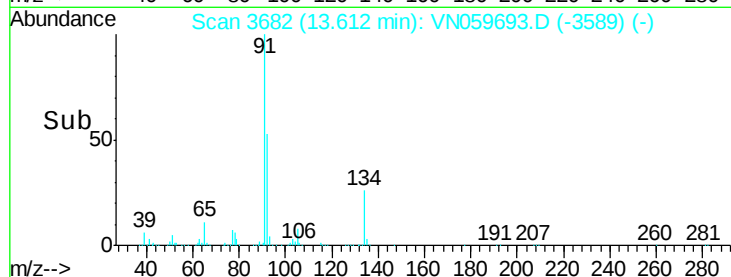
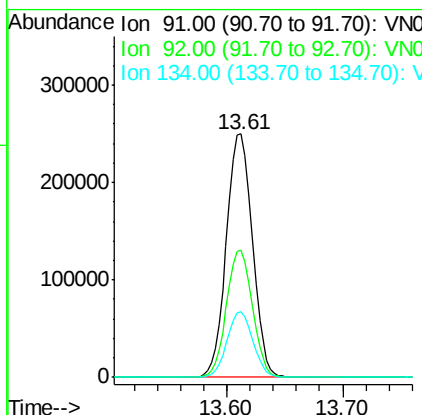
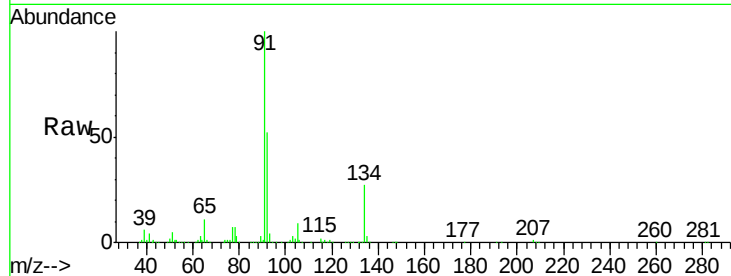
#89
n-Butylbenzene
Concen: 49.840 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Instrument :
MSVOA_N
ClientSampleId :
ICVVN011320

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.7
134	26.7	12.3	36.8

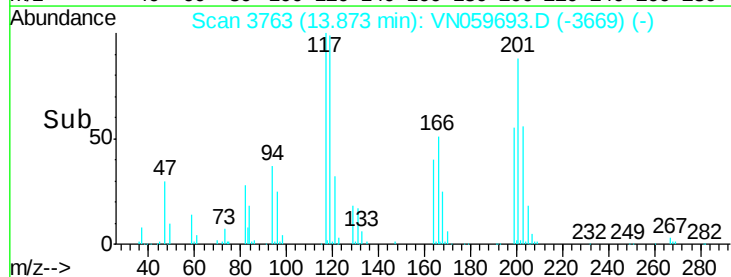
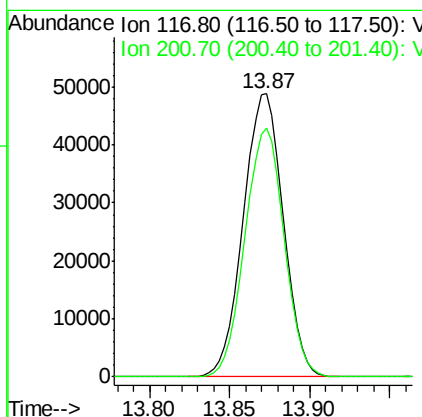
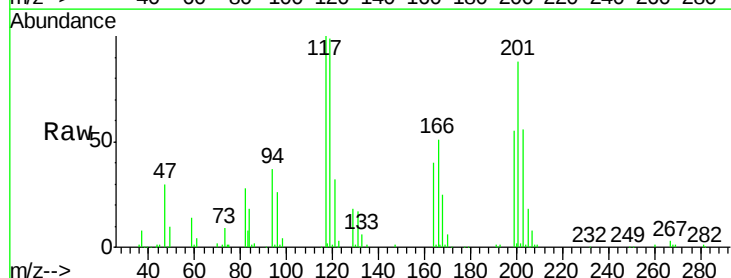
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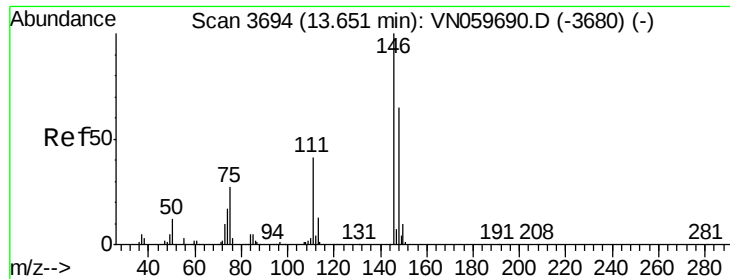
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#90
Hexachloroethane
Concen: 48.657 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059693.D
Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 48.955 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

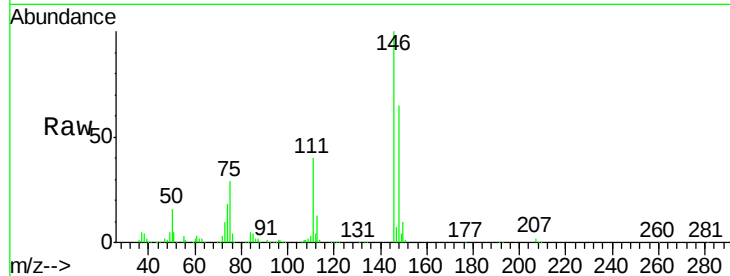
ClientSampleId :

ICVVN011320

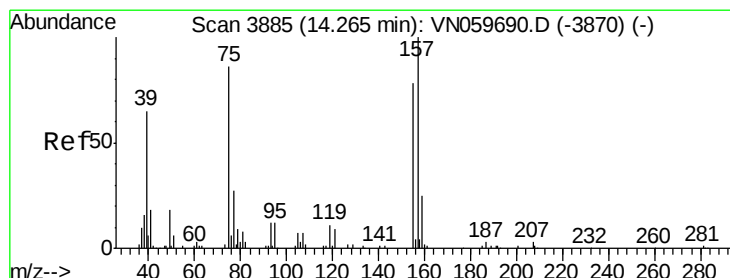
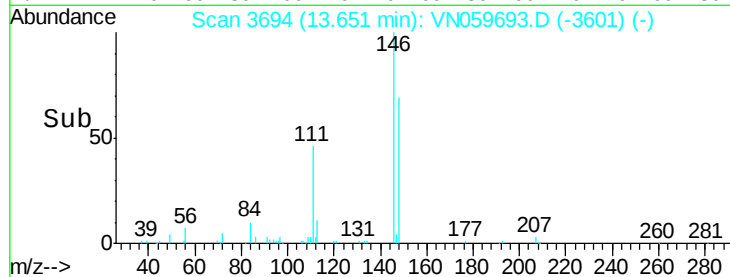
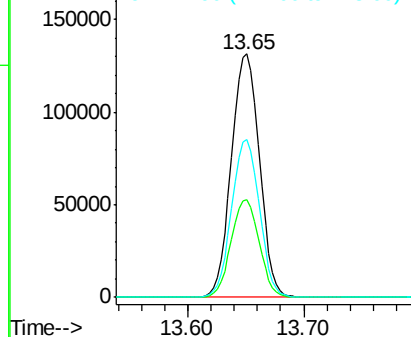
Tot Ion:	146	Resp:	220831
Ion Ratio	Lower	Upper	
146	100		
111	40.1	21.6	64.8
148	64.1	31.6	95.0

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.443 ug/l

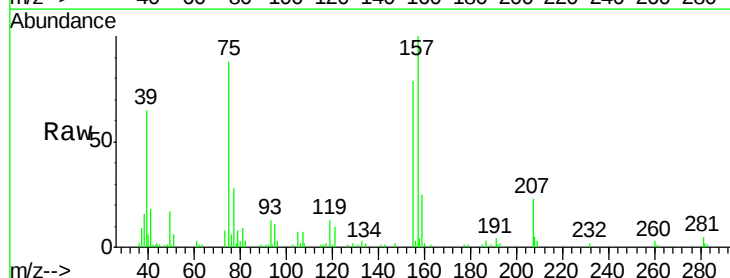
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

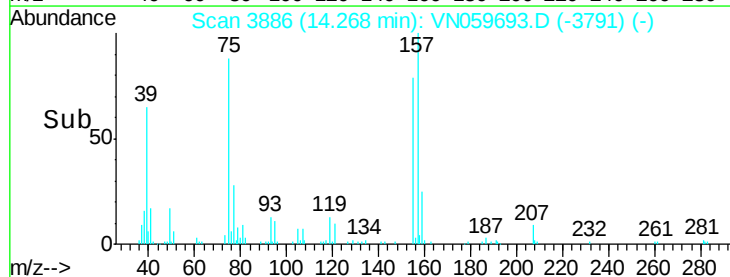
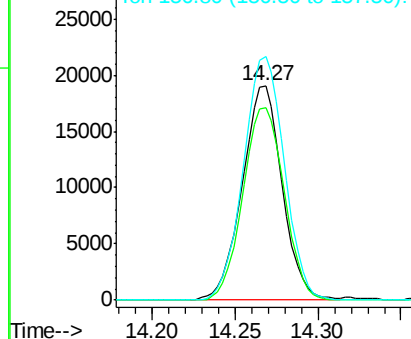
Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	75	Resp:	31927
Ion Ratio	Lower	Upper	
75	100		
155	92.8	37.0	110.9
157	116.3	48.4	145.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





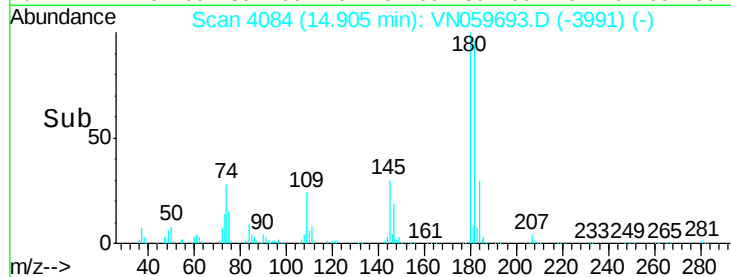
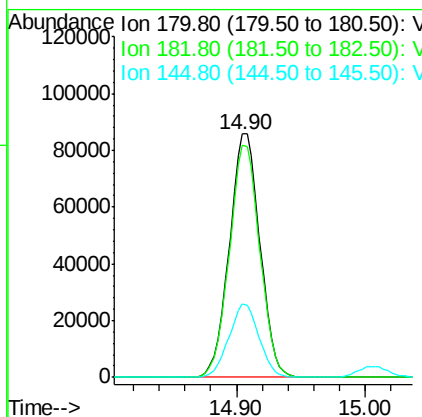
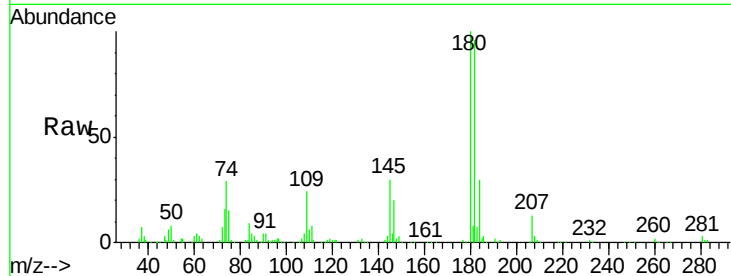
#93
 1,2,4-Trichlorobenzene
 Concen: 51.966 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011320

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140854		
182	95.1	46.9	140.7	
145	29.7	15.0	45.1	

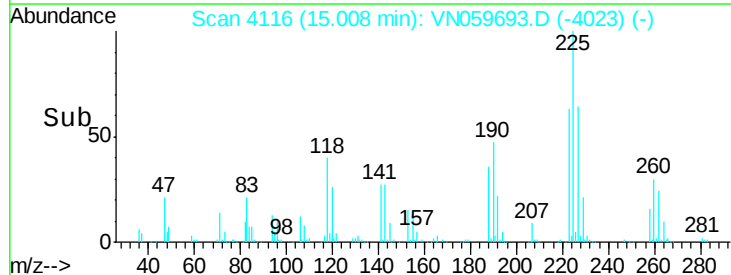
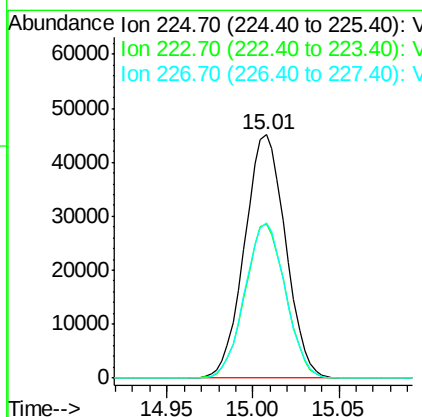
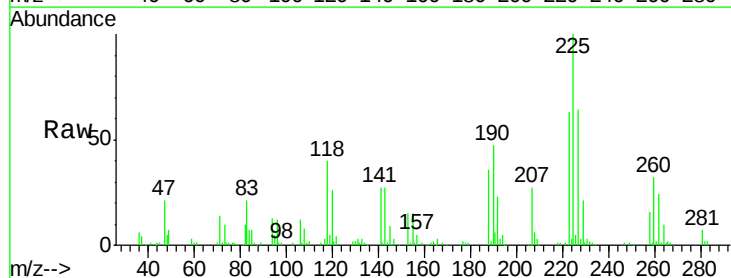
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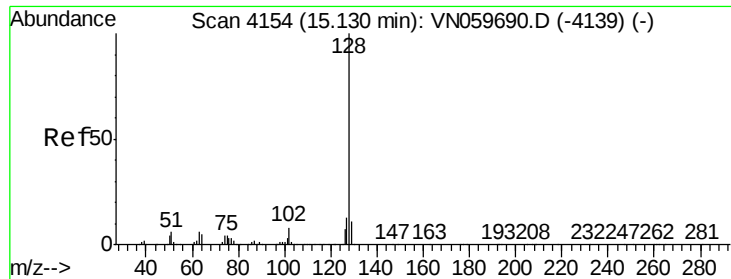
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#94
 Hexachlorobutadiene
 Concen: 49.917 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059693.D
 Acq: 13 Jan 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74559		
223	62.7	31.8	95.3	
227	63.2	32.1	96.5	





#95

Naphthalene

Concen: 51.954 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Instrument :

MSVOA_N

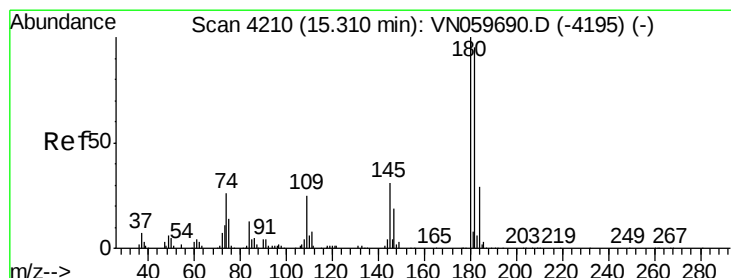
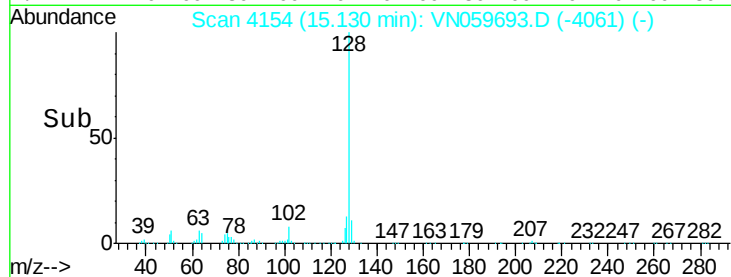
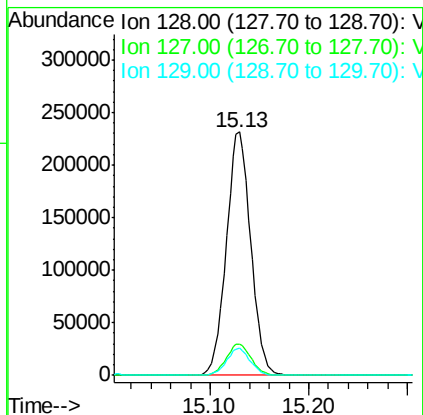
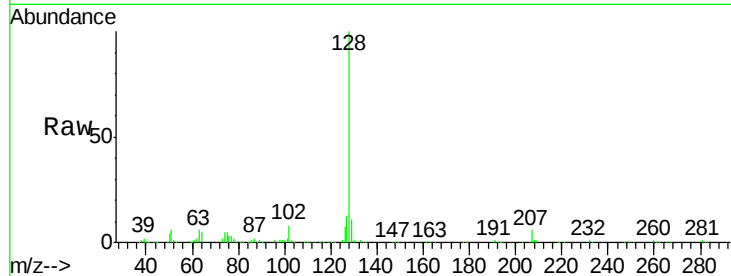
ClientSampleId :

ICVVN011320

Tot Ion:	128	Resp:	400551
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/14/2020 11:00:06 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.063 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059693.D

Acq: 13 Jan 2020 17:39

Tgt Ion:	180	Resp:	134721
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.4	142.3
145	31.2	16.3	48.9

