

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063296.D
 Acq On : 10 Sep 2020 15:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Quant Time: Sep 11 06:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	468643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	817329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	746509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	358758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	350546	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	7.55	113	260069	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	10.06	98	1001290	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	375431	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	213739	47.489	ug/l	99
3) Chloromethane	2.04	50	306719	52.153	ug/l	99
4) Vinyl Chloride	2.17	62	312018	49.000	ug/l	96
5) Bromomethane	2.53	94	216644	48.764	ug/l	99
6) Chloroethane	2.67	64	195664	46.973	ug/l	98
7) Trichlorofluoromethane	2.99	101	460830	46.798	ug/l	98
8) Diethyl Ether	3.38	74	167867	47.809	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	251717	48.928	ug/l	100
10) Methyl Iodide	3.91	142	319406	47.894	ug/l	98
11) Tert butyl alcohol	4.72	59	242152	248.746	ug/l	98
12) 1,1-Dichloroethene	3.70	96	246625	48.023	ug/l	97
13) Acrolein	3.57	56	131762	248.509	ug/l	100
14) Allyl chloride	4.28	41	500454	47.470	ug/l	99
15) Acrylonitrile	4.93	53	651406	244.736	ug/l	99
16) Acetone	3.77	43	603153	237.231	ug/l	100
17) Carbon Disulfide	4.01	76	727546	50.054	ug/l	99
18) Methyl Acetate	4.28	43	301221	47.130	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	891952	48.606	ug/l	99
20) Methylene Chloride	4.50	84	292556	50.555	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	269506	46.894	ug/l	100
22) Diisopropyl ether	5.90	45	1016735	49.006	ug/l	98
23) Vinyl Acetate	5.84	43	4237254	259.469	ug/l	99
24) 1,1-Dichloroethane	5.80	63	547318	48.714	ug/l	98
25) 2-Butanone	6.78	43	924080	246.047	ug/l	99
26) 2,2-Dichloropropane	6.78	77	478837	48.625	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	322992	48.223	ug/l	98
28) Bromochloromethane	7.15	49	260753	47.861	ug/l	98
29) Tetrahydrofuran	7.16	42	599389	245.100	ug/l	98
30) Chloroform	7.33	83	547537	48.672	ug/l	100
31) Cyclohexane	7.61	56	488767	47.329	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	479572	48.903	ug/l	99
36) 1,1-Dichloropropene	7.75	75	418091	49.765	ug/l	99
37) Ethyl Acetate	6.88	43	400032	48.400	ug/l	99
38) Carbon Tetrachloride	7.73	117	417936	50.546	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	462375	50.449	ug/l	99
40) Benzene	8.00	78	1190748	49.624	ug/l	99
41) Methacrylonitrile	7.12	41	181783	48.623	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	450455	49.479	ug/l	100
43) Isopropyl Acetate	8.13	43	702313	50.176	ug/l #	91
44) Trichloroethene	8.80	130	305721	48.719	ug/l	96
45) 1,2-Dichloropropane	9.08	63	323865	49.206	ug/l	99
46) Dibromomethane	9.17	93	213217	49.956	ug/l	97
47) Bromodichloromethane	9.37	83	444419	49.966	ug/l	97
48) Methyl methacrylate	9.17	41	331504	49.636	ug/l	99
49) 1,4-Dioxane	9.17	88	97792	945.709	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1989435	257.907	ug/l	100
52) Toluene	10.13	92	740650	50.555	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	497609	51.304	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	528415	50.599	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	283130	49.319	ug/l	99
56) Ethyl methacrylate	10.40	69	452054	51.782	ug/l	100
57) 1,3-Dichloropropane	10.68	76	504523	50.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1124108	240.056	ug/l	100
59) 2-Hexanone	10.72	43	1470768	258.530	ug/l	100
60) Dibromochloromethane	10.87	129	325017	51.557	ug/l	100
61) 1,2-Dibromoethane	10.98	107	298910	49.945	ug/l	99
64) Tetrachloroethene	10.60	164	304526	49.797	ug/l	99
65) Chlorobenzene	11.41	112	781107	48.603	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	286674	48.959	ug/l	99
67) Ethyl Benzene	11.49	91	1464311	50.753	ug/l	100
68) m/p-Xylenes	11.59	106	1070922	100.346	ug/l	100
69) o-Xylene	11.92	106	514072	50.193	ug/l	99
70) Styrene	11.94	104	879860	51.689	ug/l	99
71) Bromoform	12.10	173	205295	50.691	ug/l #	100
73) Isopropylbenzene	12.23	105	1401543	48.434	ug/l	100
74) N-amyl acetate	12.05	43	624161	52.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	384128	46.350	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	555839	70.228	ug/l #	100
77) Bromobenzene	12.50	156	313288	47.100	ug/l	99
78) n-propylbenzene	12.57	91	1644820	50.035	ug/l	99
79) 2-Chlorotoluene	12.65	91	974491	48.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1192841	49.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	142970	48.534	ug/l	99
82) 4-Chlorotoluene	12.75	91	1036548	48.921	ug/l	99
83) tert-Butylbenzene	12.97	119	976850	47.936	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1200237	49.557	ug/l	99
85) sec-Butylbenzene	13.15	105	1308747	50.480	ug/l	99
86) p-Isopropyltoluene	13.26	119	1202532	50.594	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	587670	48.327	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	596323	51.309	ug/l	100
89) n-Butylbenzene	13.59	91	1111074	51.784	ug/l	100
90) Hexachloroethane	13.85	117	205649	52.601	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	578346	48.120	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	90235	47.881	ug/l	98

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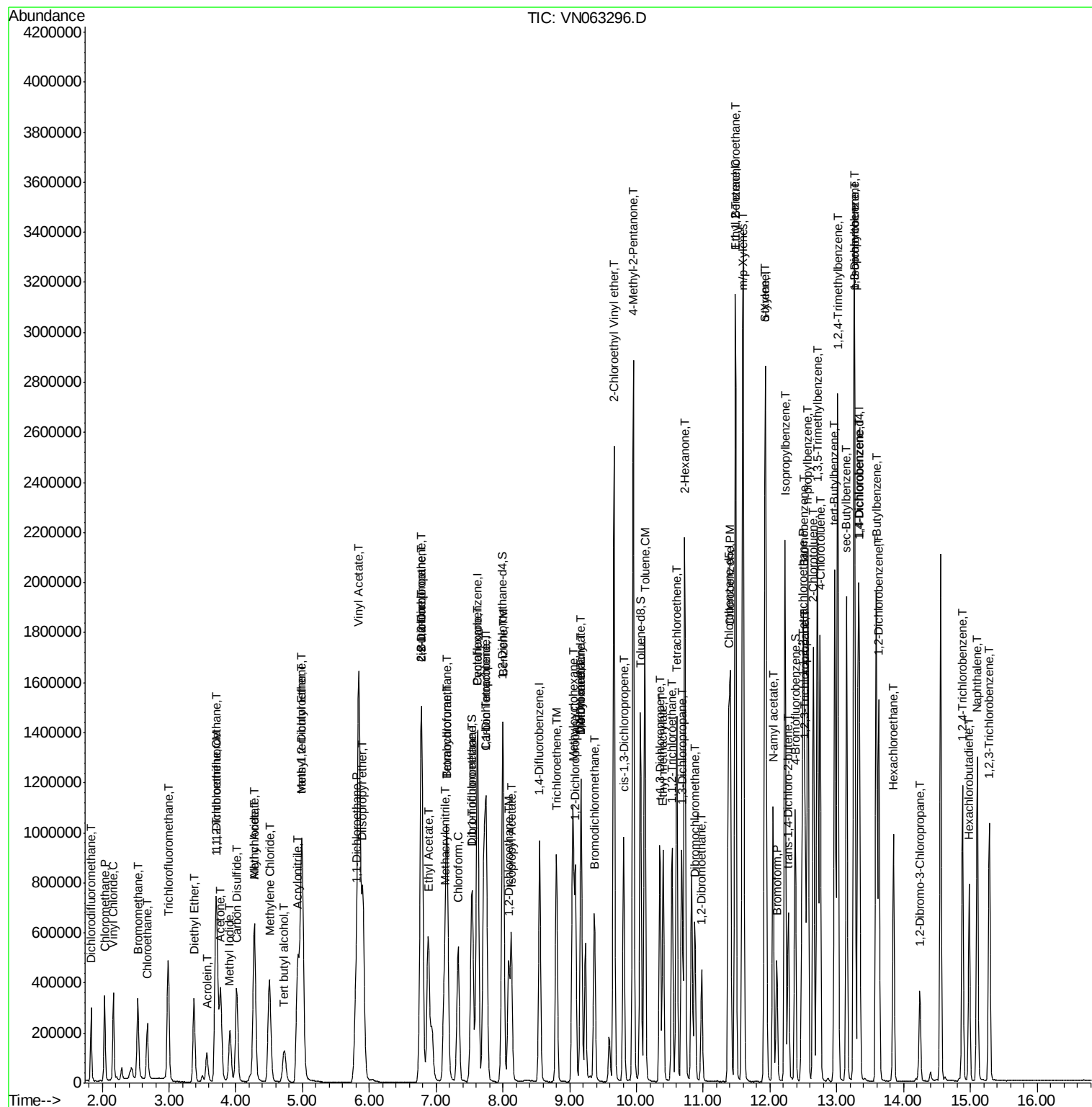
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	340967	48.468	ug/l	99
94) Hexachlorobutadiene	14.98	225	129050	50.913	ug/l	99
95) Naphthalene	15.11	128	1048735	49.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	317442	50.287	ug/l	99

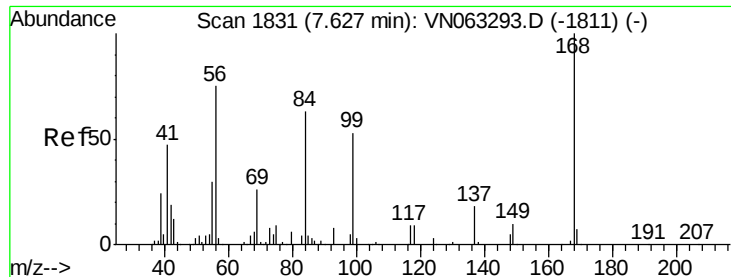
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091020\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

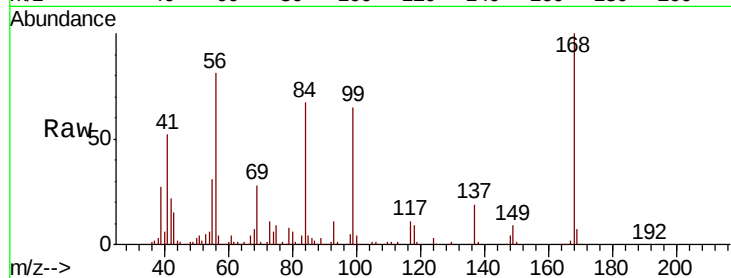
ICVFN091020

Tot Ion:168 Resp: 468643

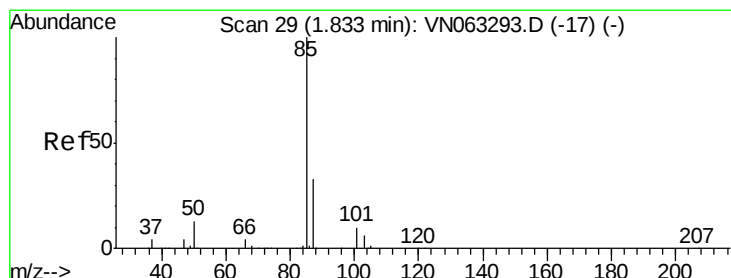
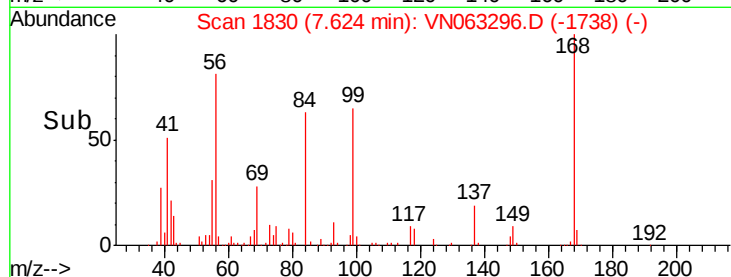
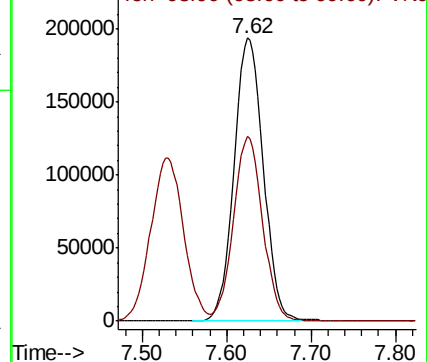
Ion Ratio Lower Upper

168 100

99 65.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): VN063296.D (-1738) (-)



#2

Dichlorodifluoromethane

Concen: 47.489 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063296.D

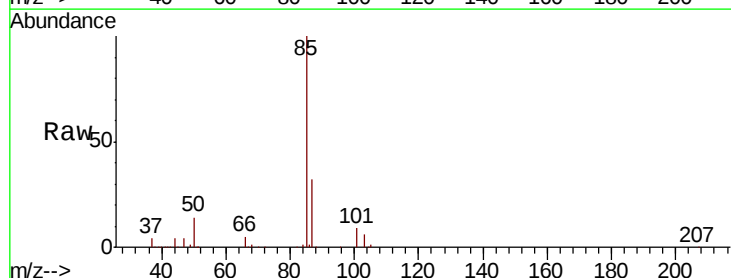
Acq: 10 Sep 2020 15:36

Tgt Ion: 85 Resp: 213739

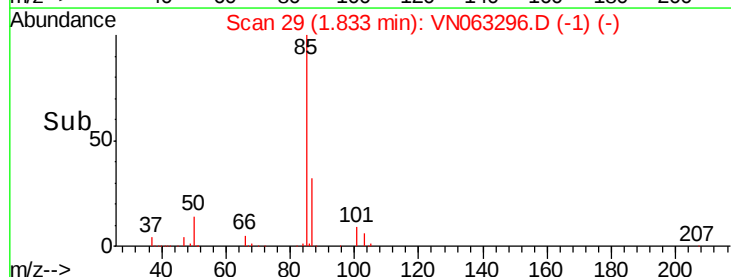
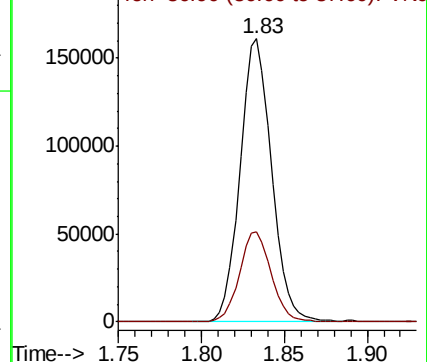
Ion Ratio Lower Upper

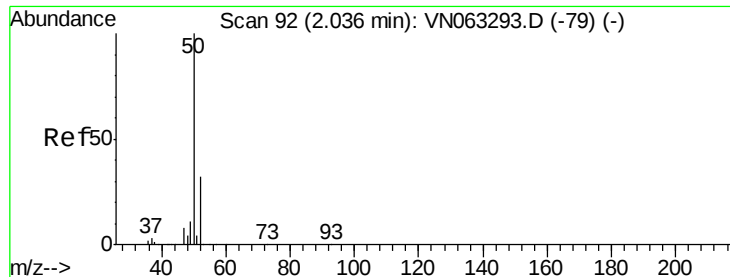
85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN063296.D (-1) (-)





#3

Chloromethane

Concen: 52.153 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

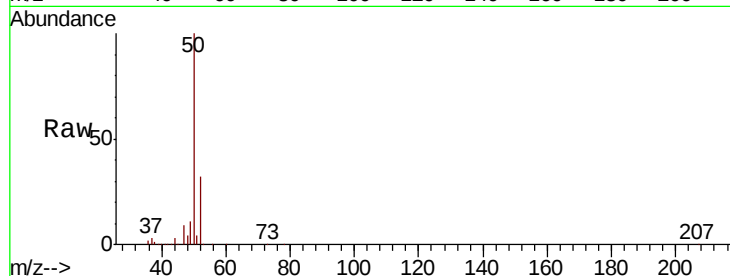
ICVVN091020

Tot Ion: 50 Resp: 306719

Ion Ratio Lower Upper

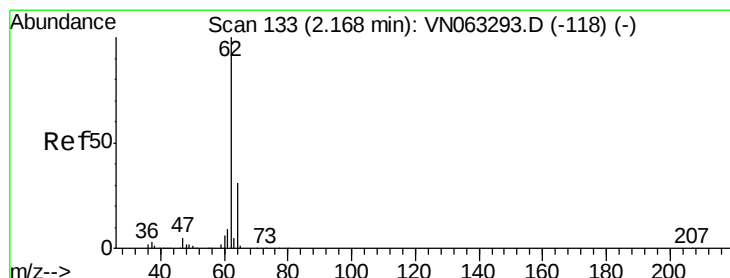
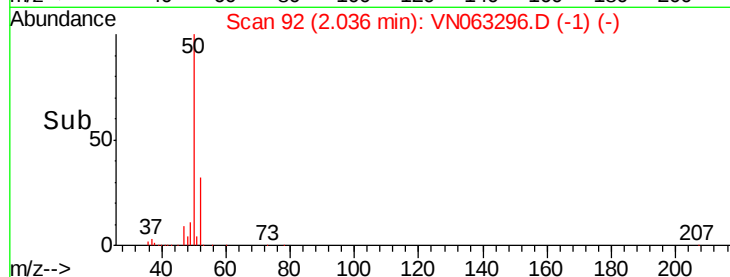
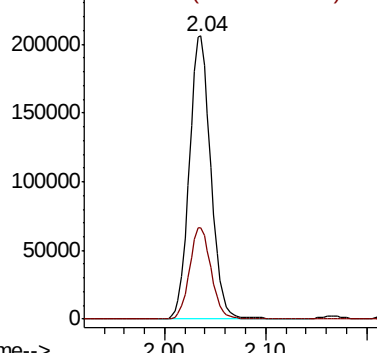
50 100

52 32.4 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.000 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063296.D

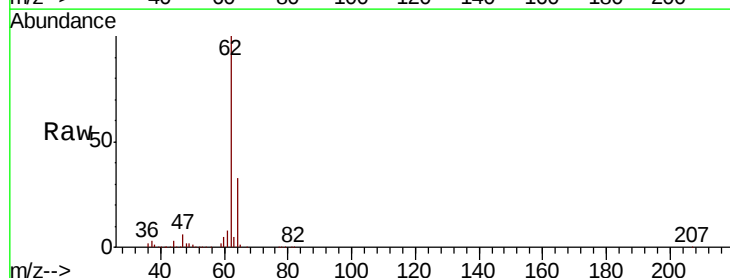
Acq: 10 Sep 2020 15:36

Tgt Ion: 62 Resp: 312018

Ion Ratio Lower Upper

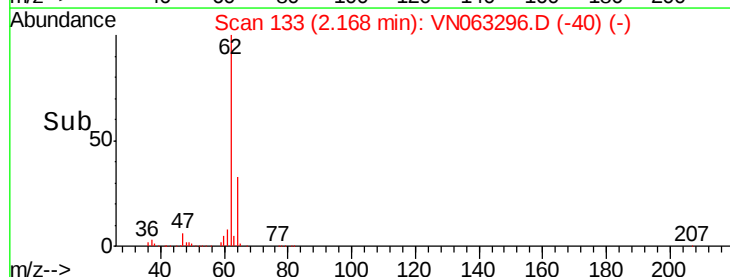
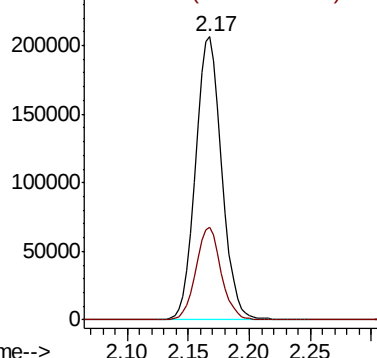
62 100

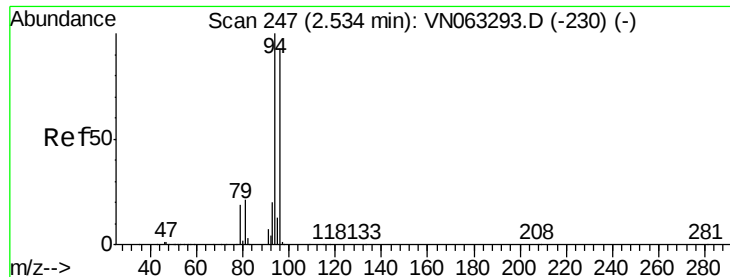
64 32.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.764 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

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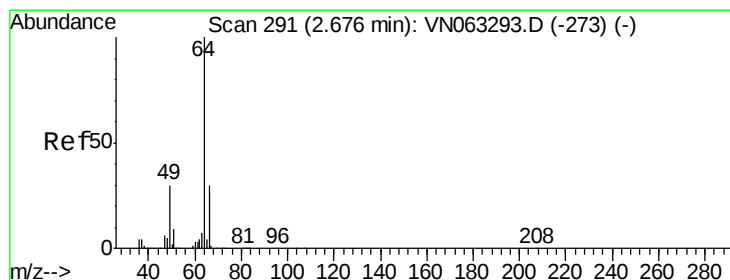
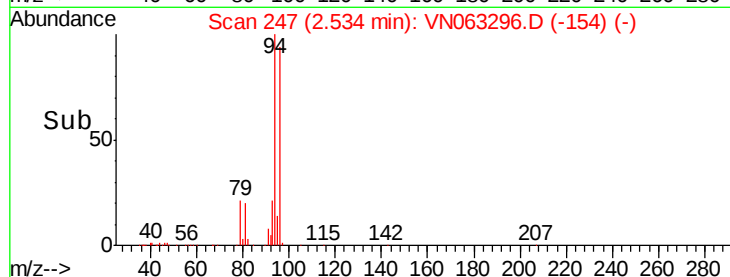
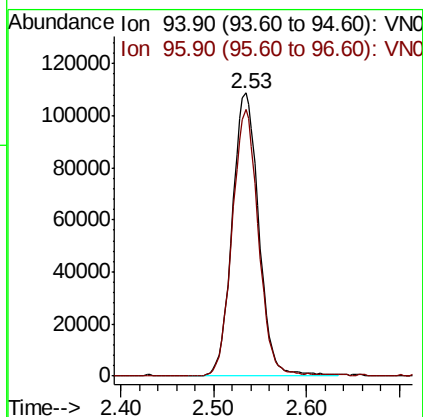
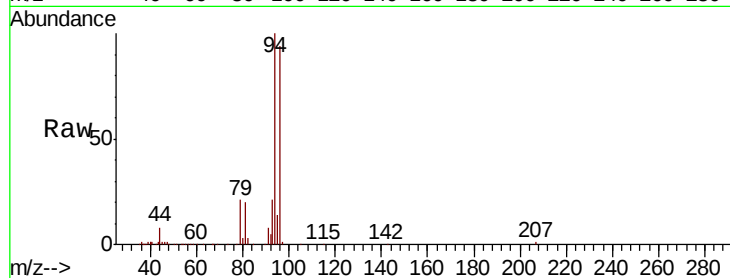
ICVVN091020

Tot Ion: 94 Resp: 216644

Ion Ratio Lower Upper

94 100

96 94.3 74.3 111.5



#6

Chloroethane

Concen: 46.973 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063296.D

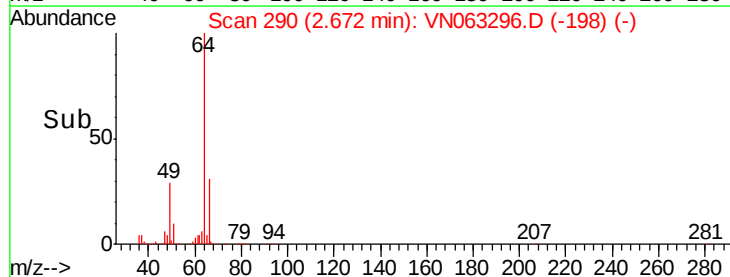
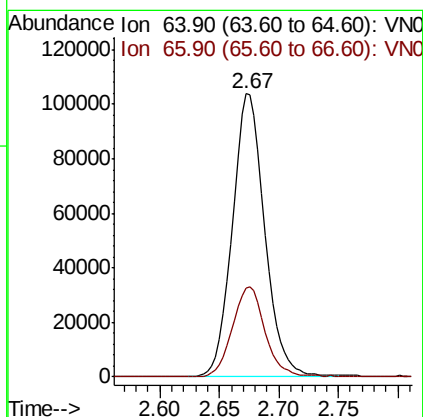
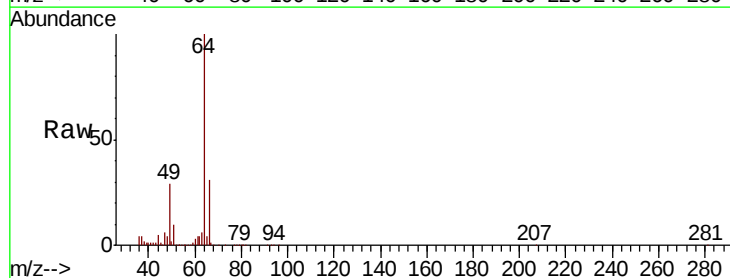
Acq: 10 Sep 2020 15:36

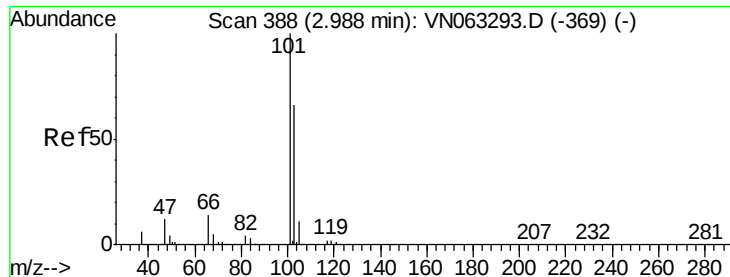
Tgt Ion: 64 Resp: 195664

Ion Ratio Lower Upper

64 100

66 31.0 23.8 35.6



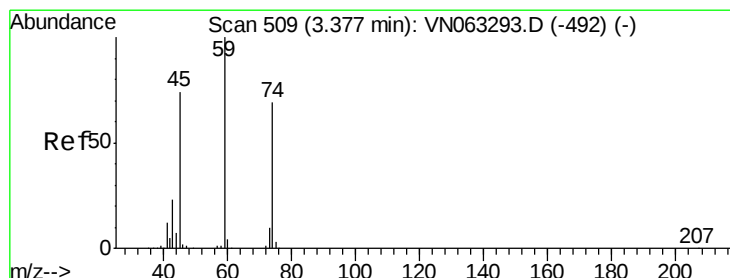
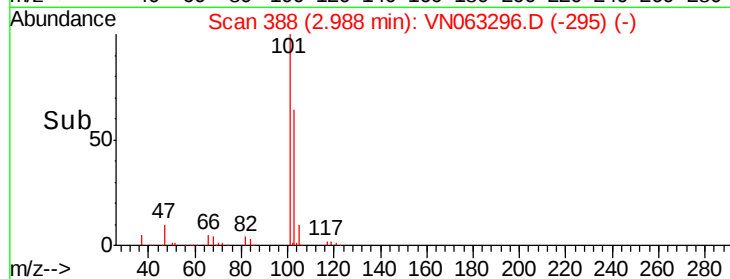
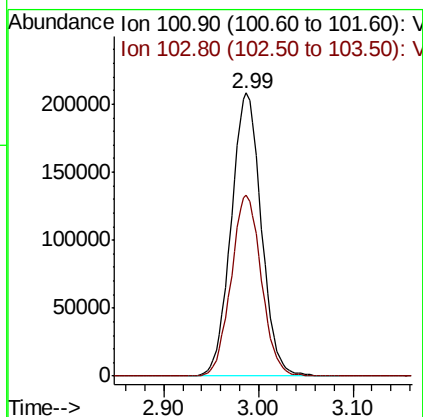
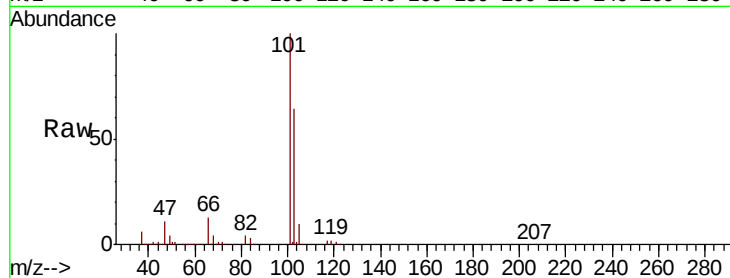


#7

Trichlorofluoromethane
 Concen: 46.798 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
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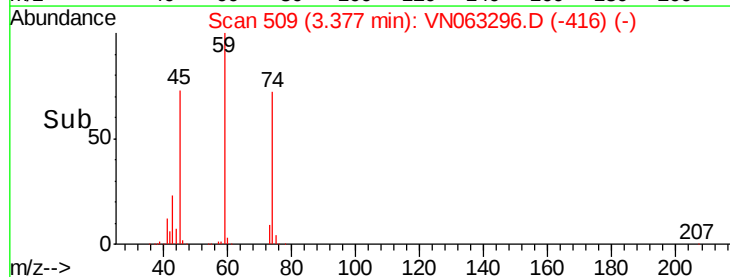
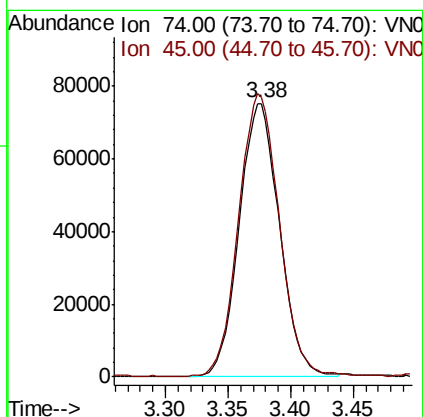
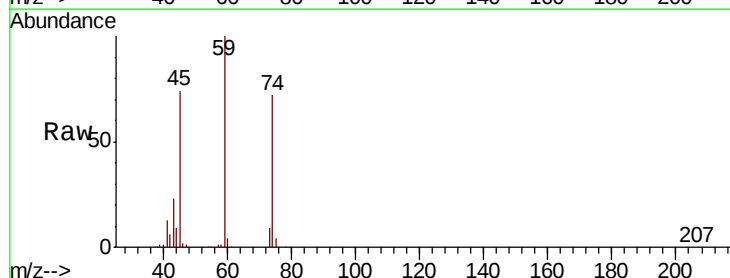
Tot Ion:101 Resp: 460830
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.4 78.6

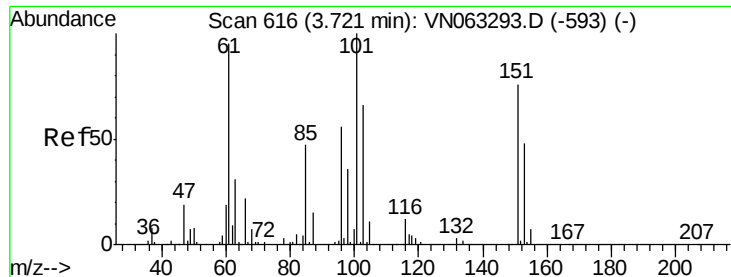


#8

Diethyl Ether
 Concen: 47.809 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion: 74 Resp: 167867
 Ion Ratio Lower Upper
 74 100
 45 105.3 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.928 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

ICVVN091020

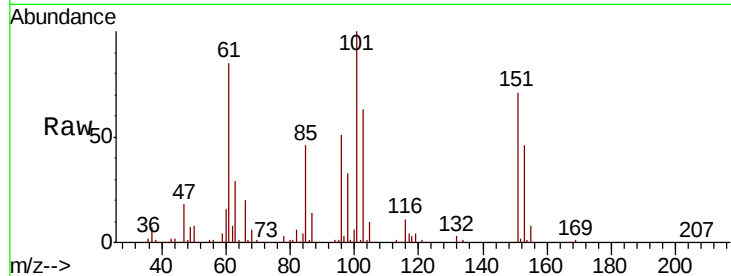
Tot Ion:101 Resp: 251717

Ion Ratio Lower Upper

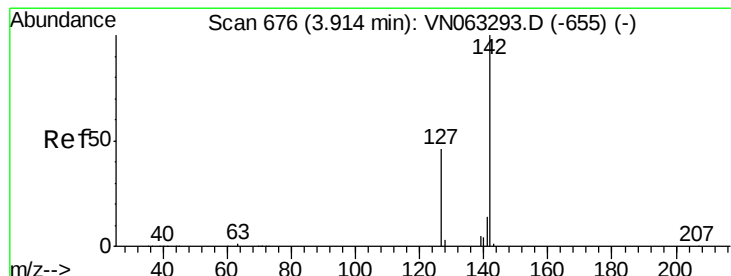
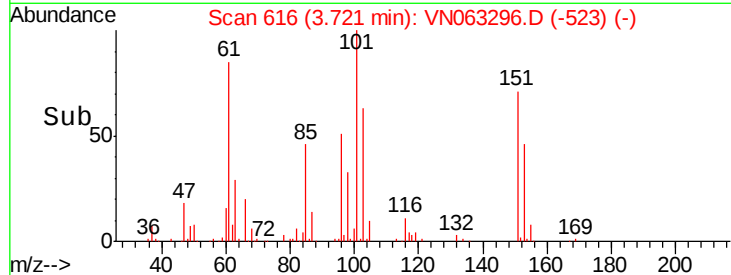
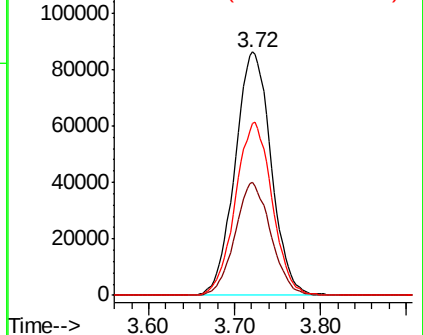
101 100

85 45.9 36.9 55.3

151 72.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.894 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

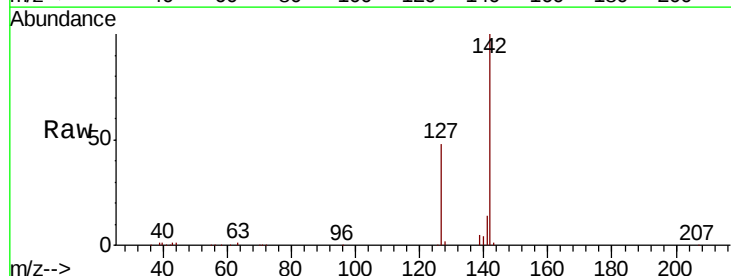
Tgt Ion:142 Resp: 319406

Ion Ratio Lower Upper

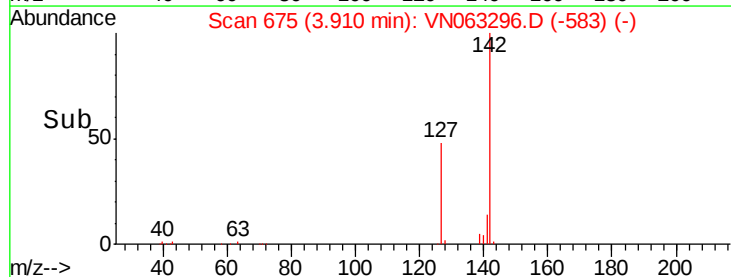
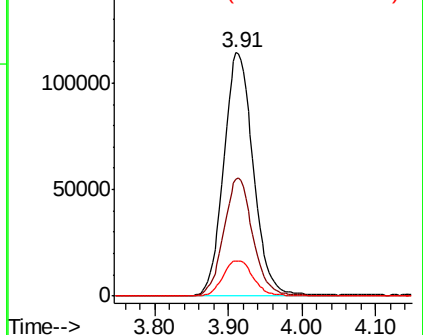
142 100

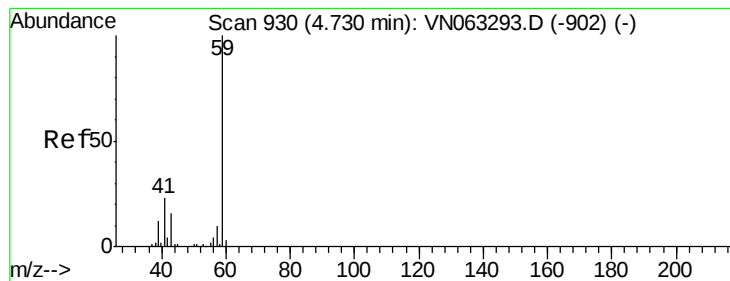
127 47.7 37.1 55.7

141 14.9 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



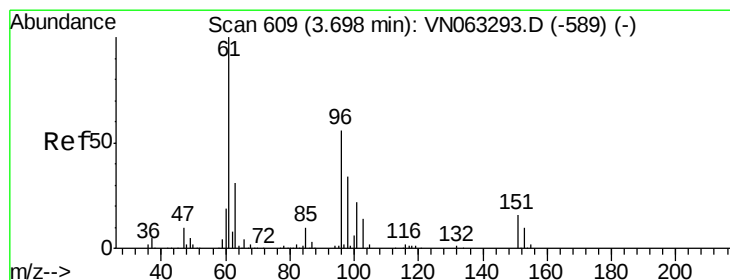
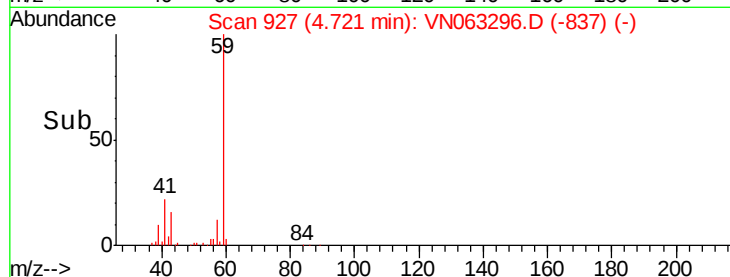
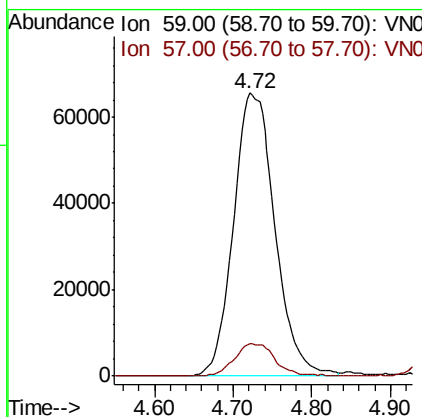
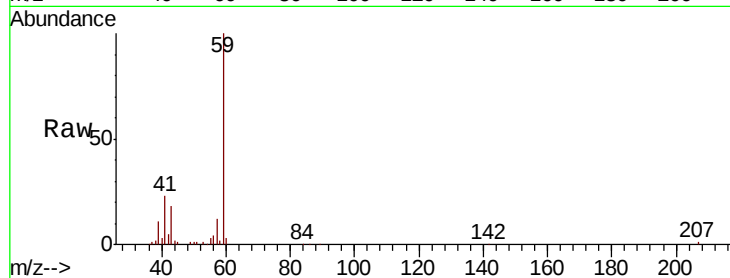


#11

Tert butyl alcohol
 Concen: 248.746 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

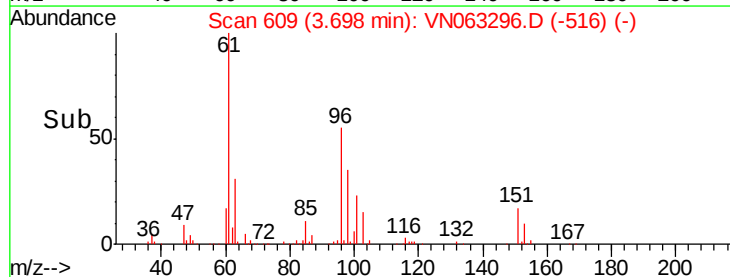
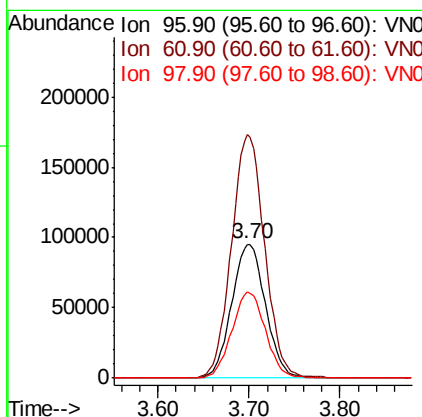
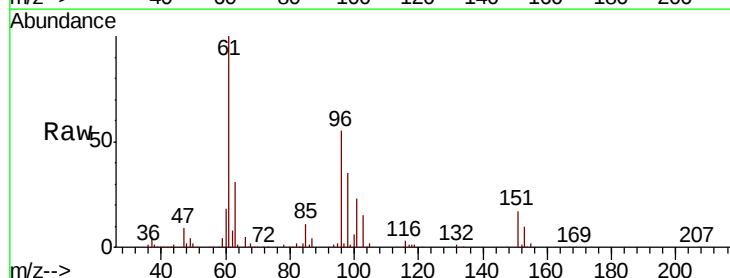
Tot Ion: 59 Resp: 242152
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.3 12.5

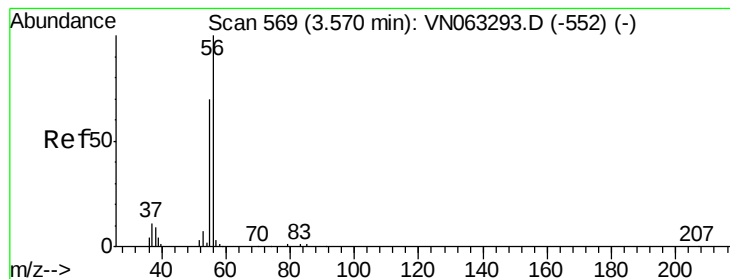


#12

1,1-Dichloroethene
 Concen: 48.023 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion: 96 Resp: 246625
 Ion Ratio Lower Upper
 96 100
 61 181.7 142.1 213.1
 98 64.4 48.8 73.2





#13

Acrolein

Concen: 248.509 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

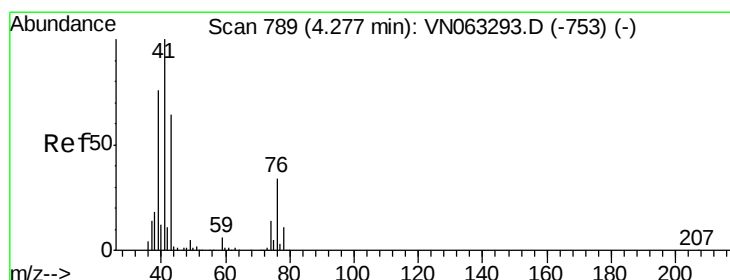
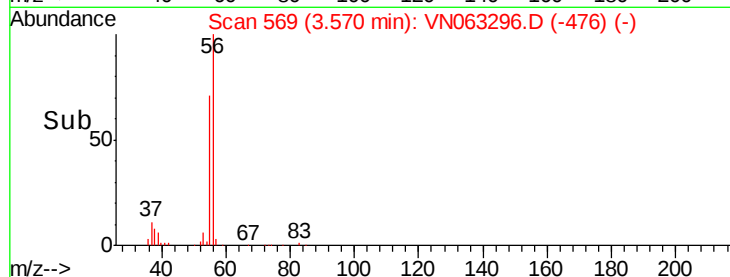
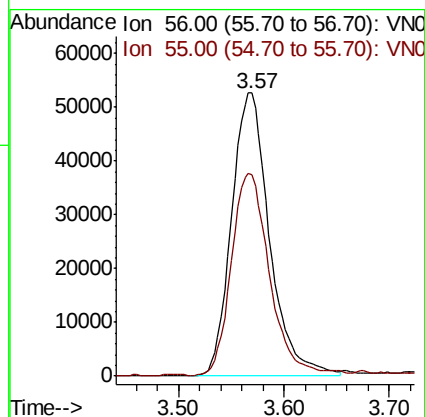
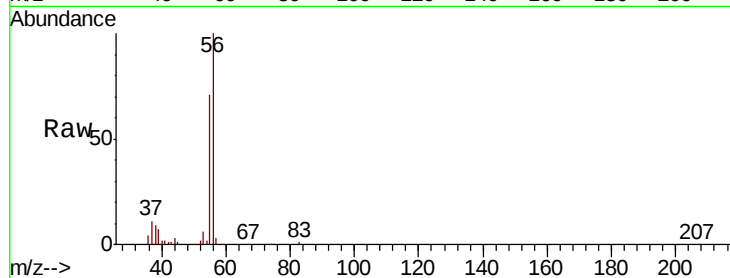
ICVFN091020

Tot Ion: 56 Resp: 131762

Ion Ratio Lower Upper

56 100

55 71.1 57.2 85.8



#14

Allyl chloride

Concen: 47.470 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

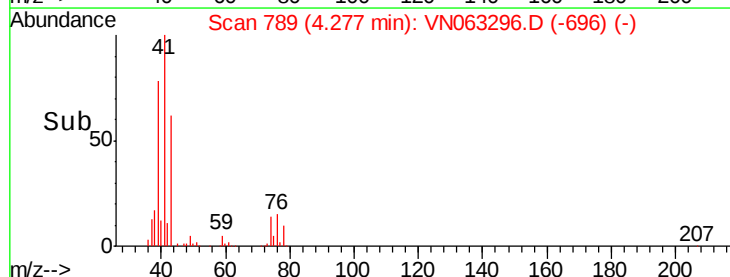
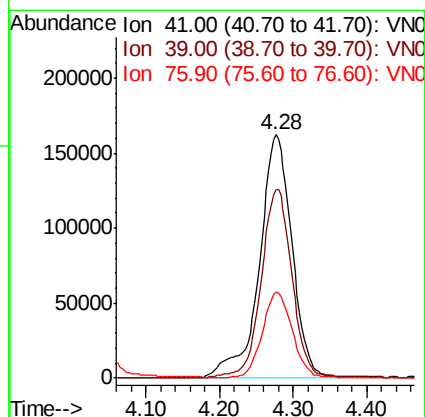
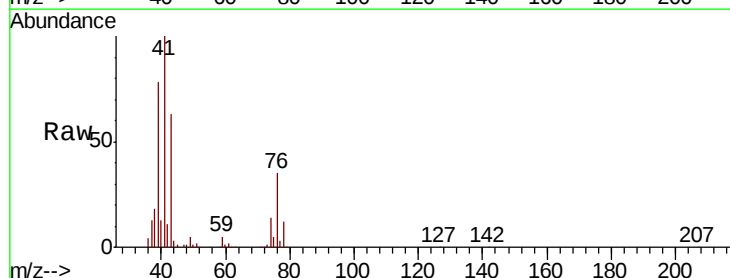
Tgt Ion: 41 Resp: 500454

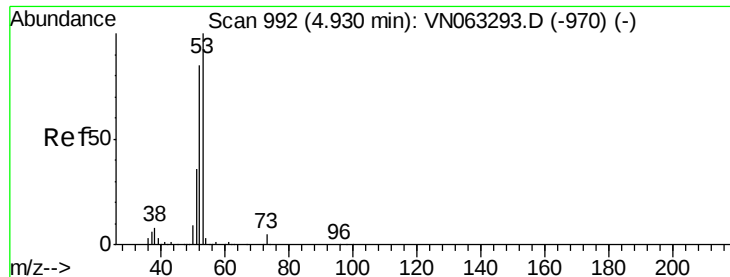
Ion Ratio Lower Upper

41 100

39 72.3 57.4 86.2

76 31.4 25.7 38.5





#15

Acrylonitrile

Concen: 244.736 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

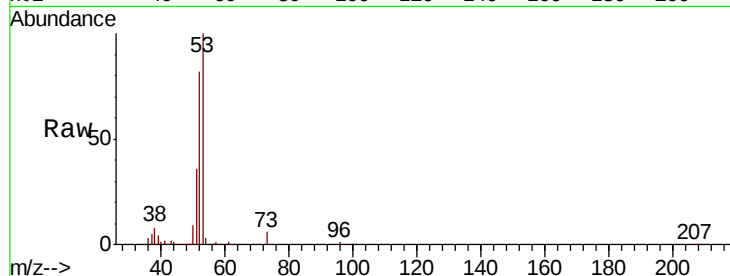
Tot Ion: 53 Resp: 651406

Ion Ratio Lower Upper

53 100

52 82.0 66.5 99.7

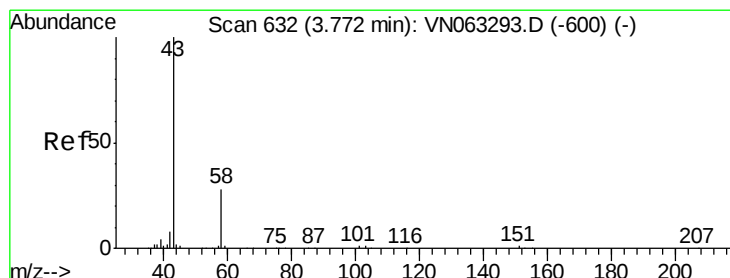
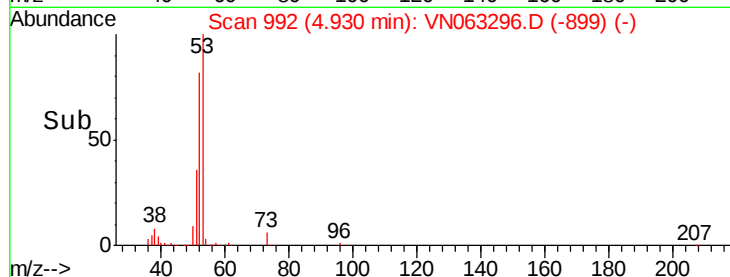
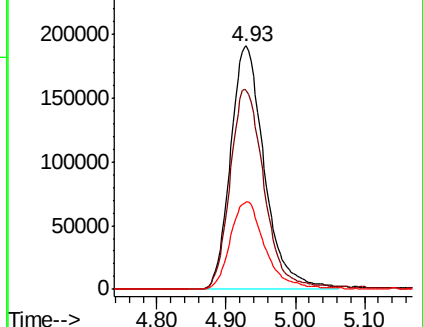
51 37.1 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN063296.D (-539) (-)

Ion 52.00 (51.70 to 52.70): VN063296.D (-539) (-)

Ion 51.00 (50.70 to 51.70): VN063296.D (-539) (-)



#16

Acetone

Concen: 237.231 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063296.D

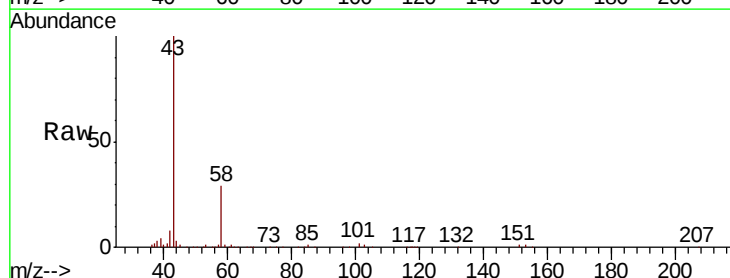
Acq: 10 Sep 2020 15:36

Tgt Ion: 43 Resp: 603153

Ion Ratio Lower Upper

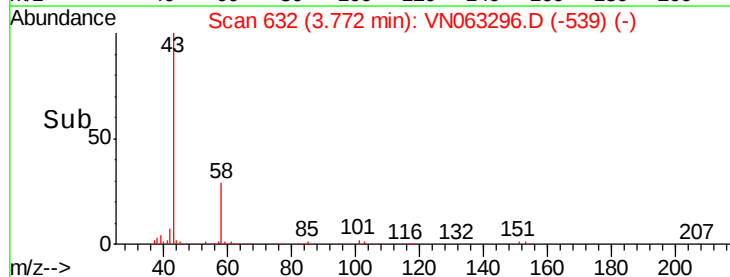
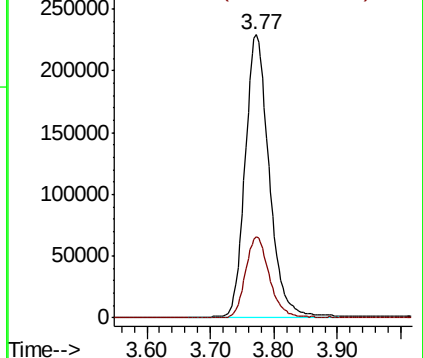
43 100

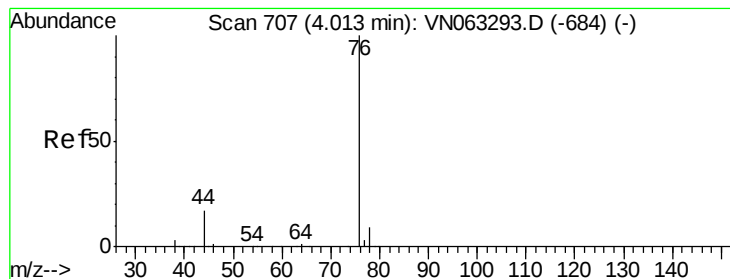
58 28.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN063296.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063296.D (-539) (-)





#17

Carbon Disulfide

Concen: 50.054 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

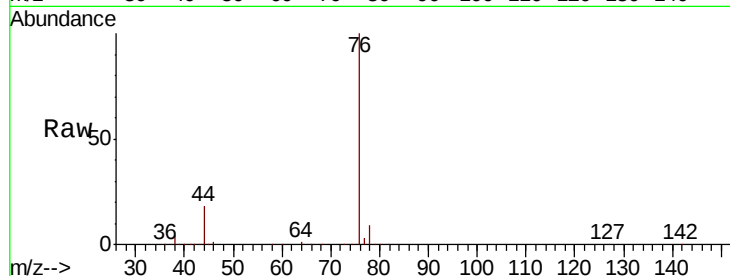
ICVVN091020

Tot Ion: 76 Resp: 727546

Ion Ratio Lower Upper

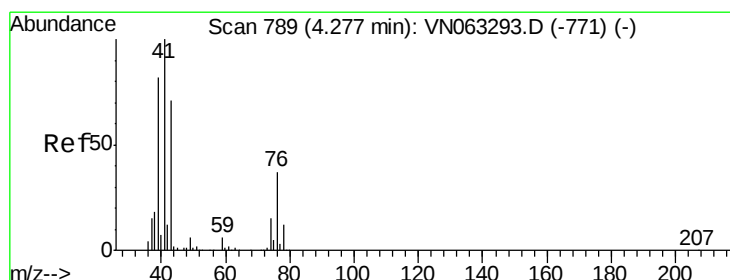
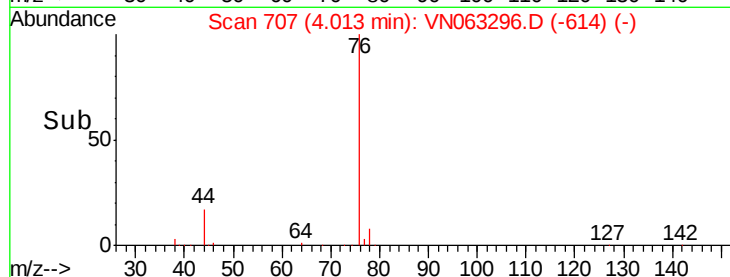
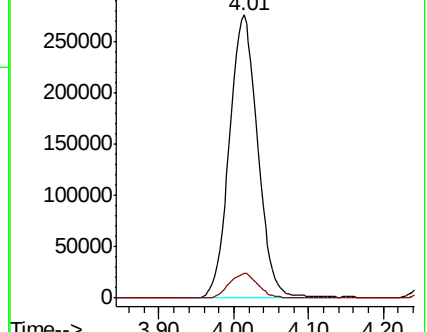
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN063296.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063296.D (-614) (-)



#18

Methyl Acetate

Concen: 47.130 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063296.D

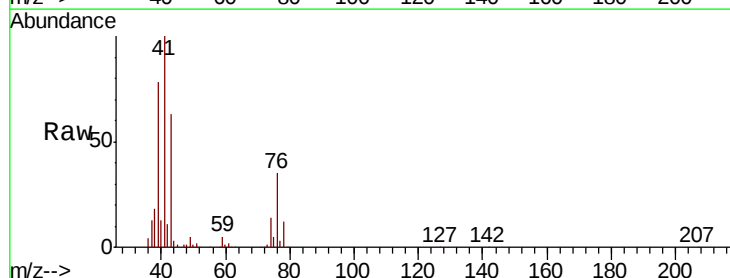
Acq: 10 Sep 2020 15:36

Tgt Ion: 43 Resp: 301221

Ion Ratio Lower Upper

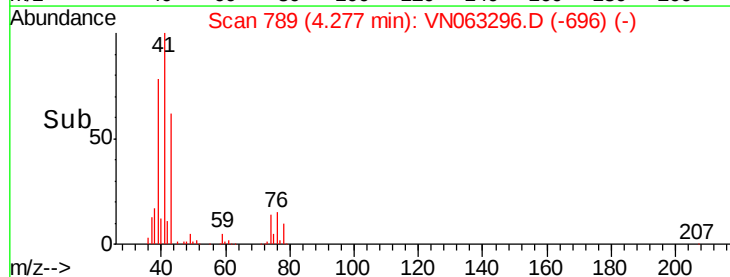
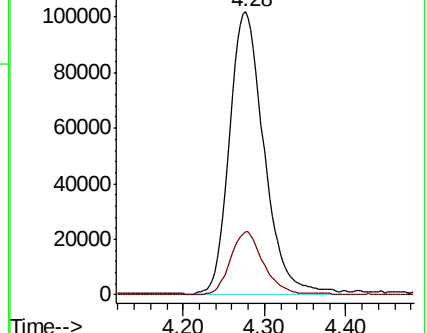
43 100

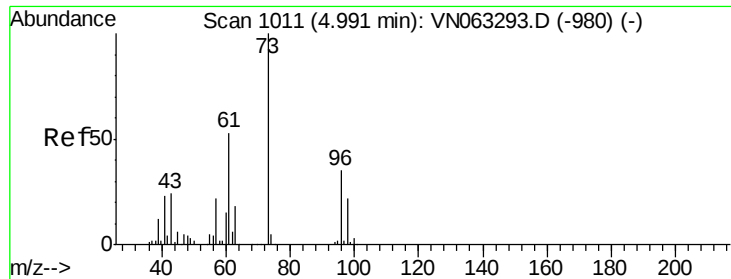
74 21.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN063296.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN063296.D (-696) (-)

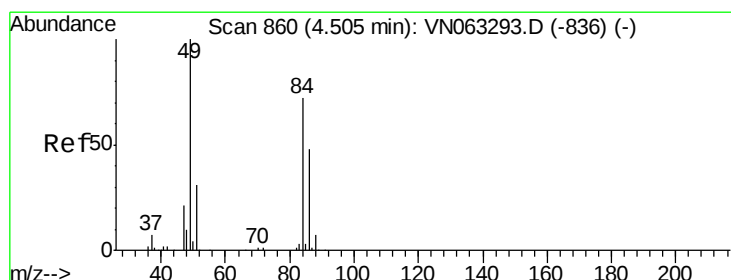
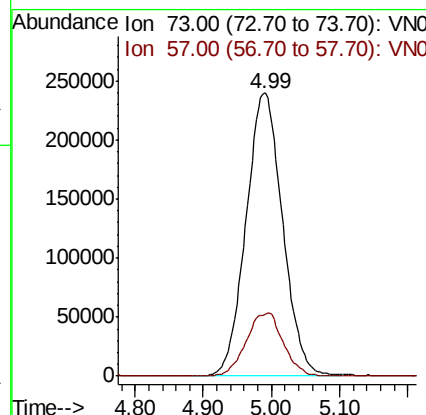
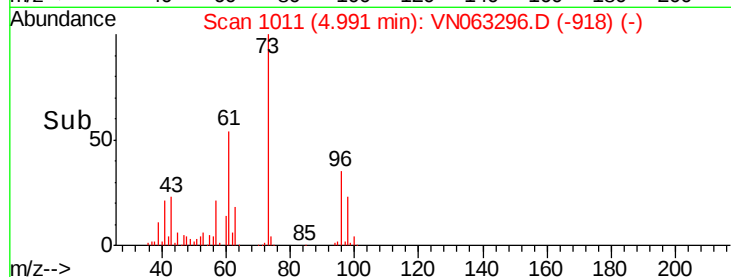
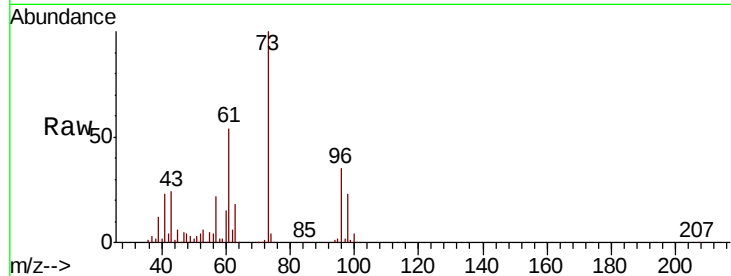




#19
Methvl tert-butvl Ether
Concen: 48.606 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

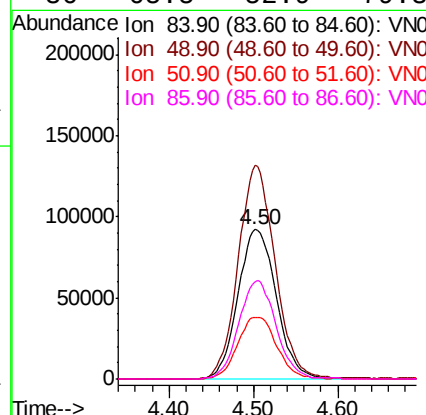
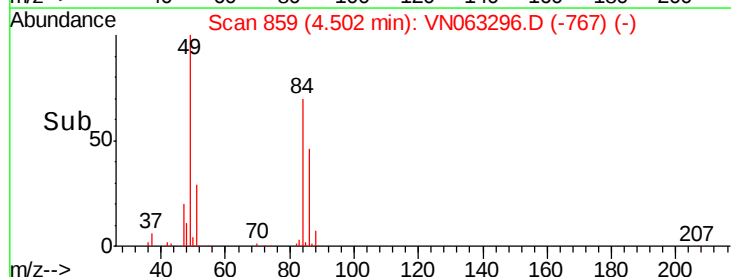
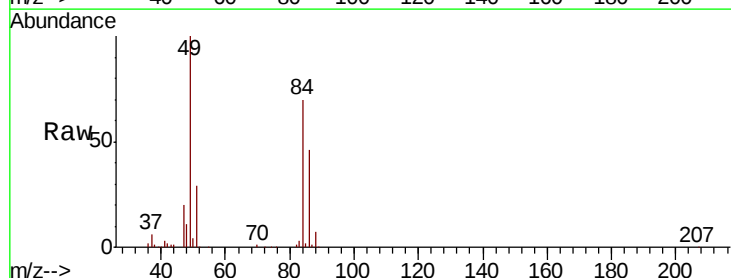
Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

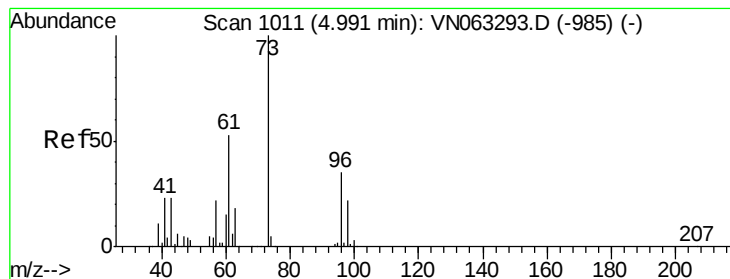
Tot Ion: 73 Resp: 891952
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 50.555 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 84 Resp: 292556
Ion Ratio Lower Upper
84 100
49 143.0 111.1 166.7
51 41.5 34.3 51.5
86 65.5 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 46.894 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

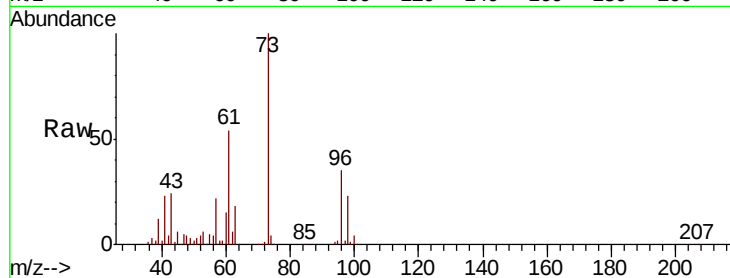
Tot Ion: 96 Resp: 269506

Ion Ratio Lower Upper

96 100

61 152.4 121.8 182.8

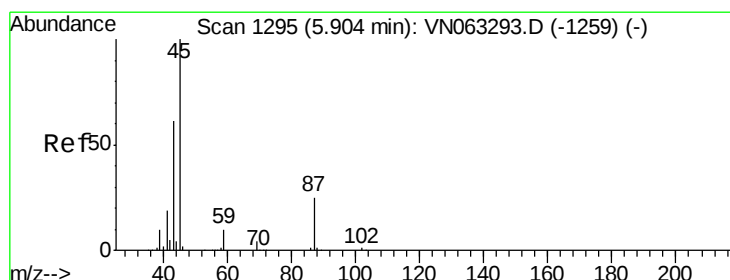
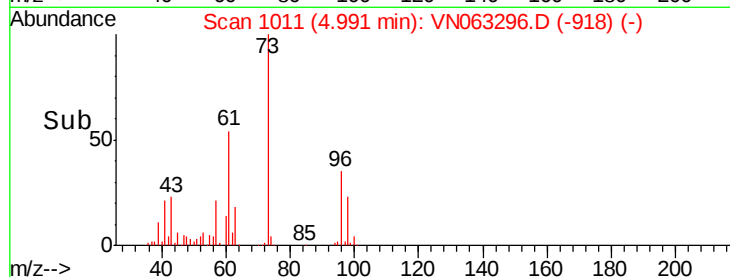
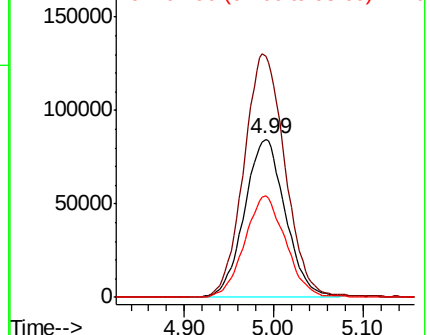
98 64.1 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.006 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion: 45 Resp: 1016735

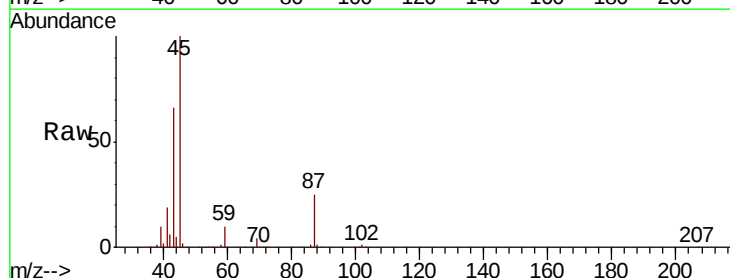
Ion Ratio Lower Upper

45 100

43 64.4 50.3 75.5

87 24.5 20.7 31.1

59 10.3 8.4 12.6

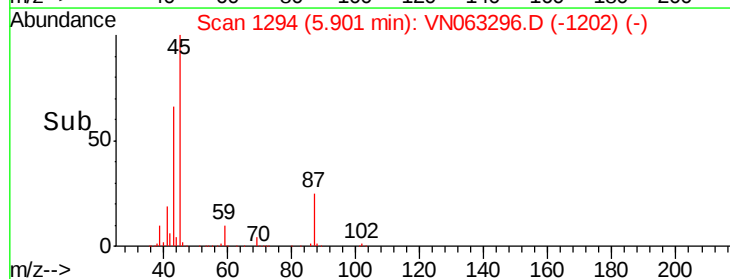
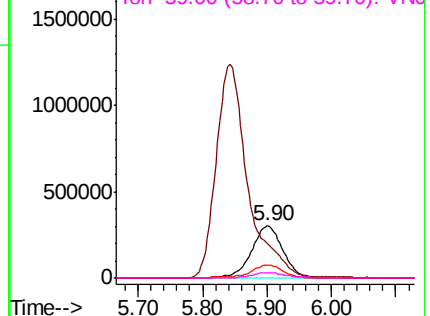


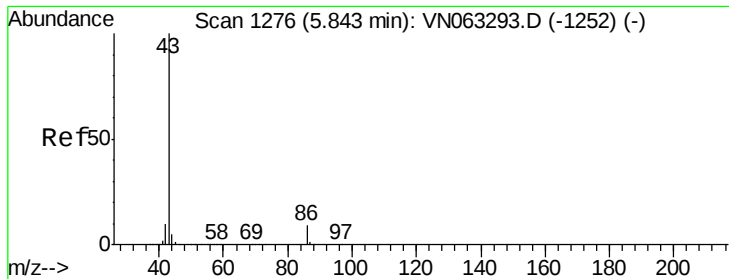
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 259.469 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

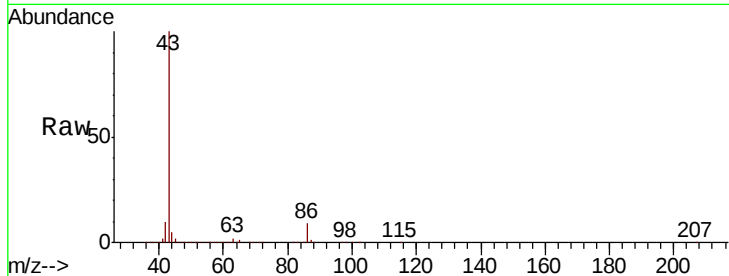
ICVVN091020

Tot Ion: 43 Resp: 4237254

Ion Ratio Lower Upper

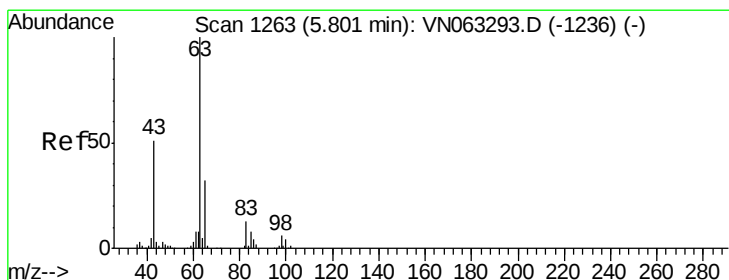
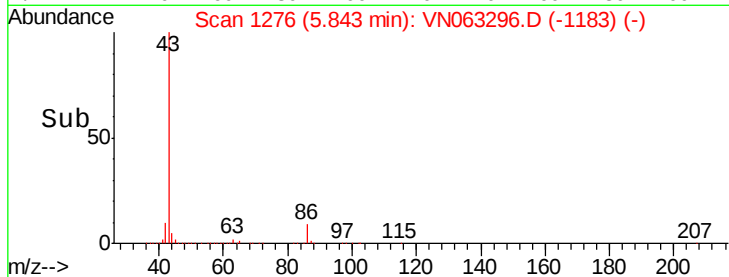
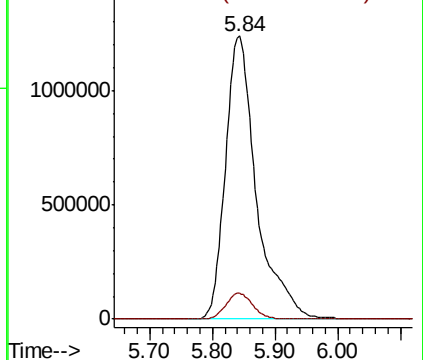
43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.714 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

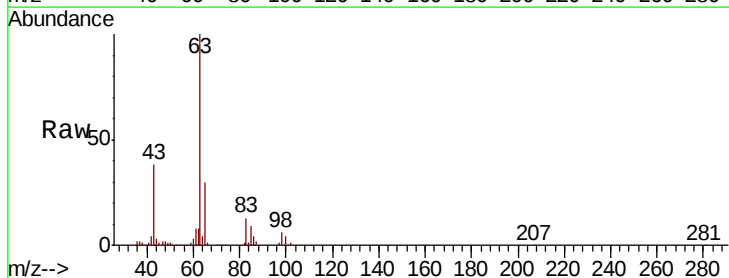
Tgt Ion: 63 Resp: 547318

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.3

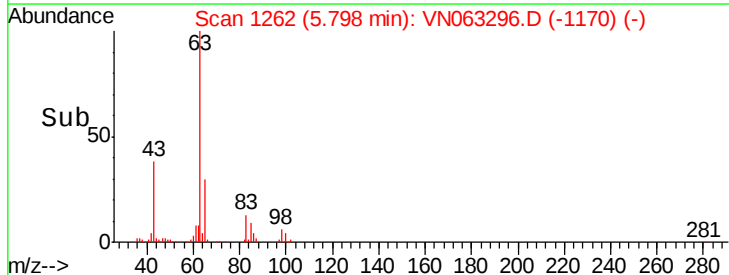
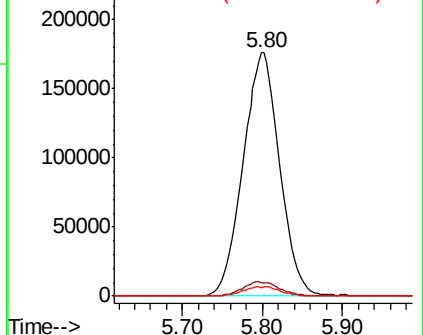
100 3.6 2.0 6.0

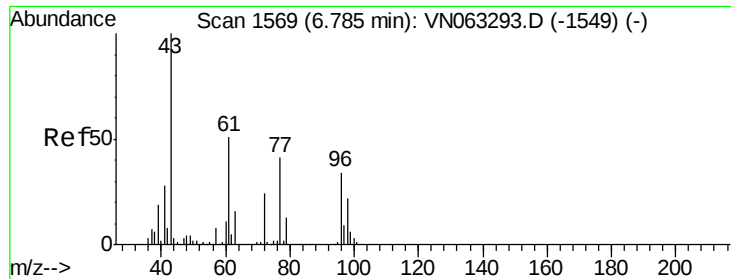


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 246.047 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

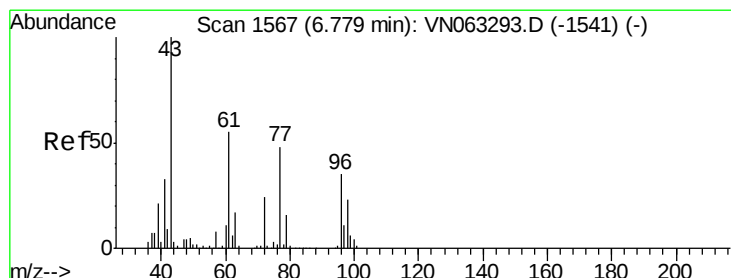
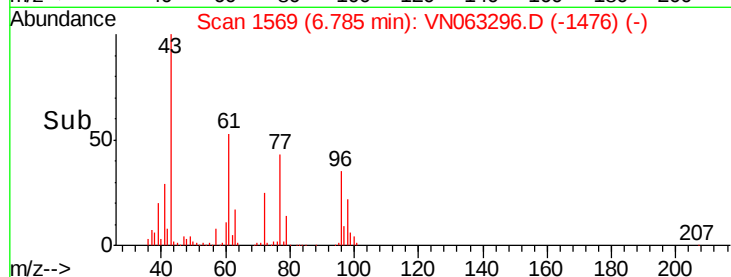
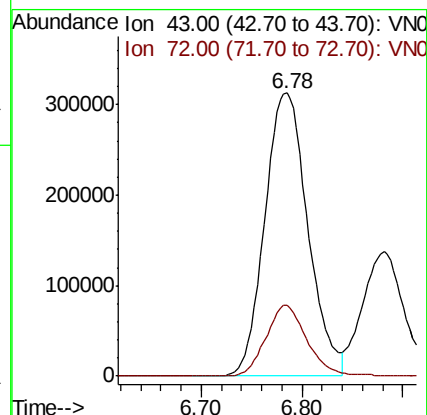
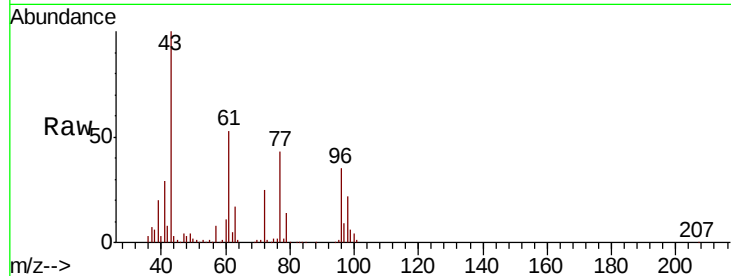
ICVVN091020

Tot Ion: 43 Resp: 924080

Ion Ratio Lower Upper

43 100

72 24.9 19.4 29.2



#26

2,2-Dichloropropane

Concen: 48.625 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063296.D

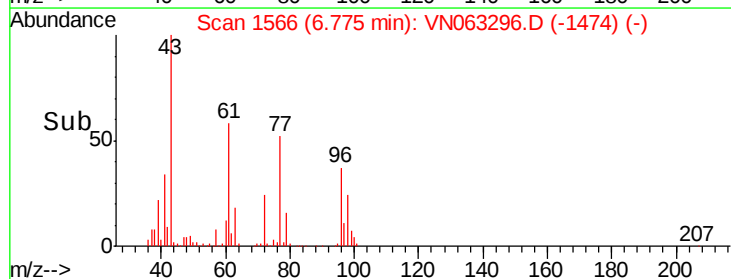
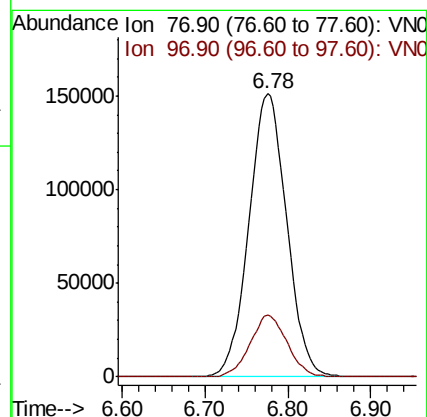
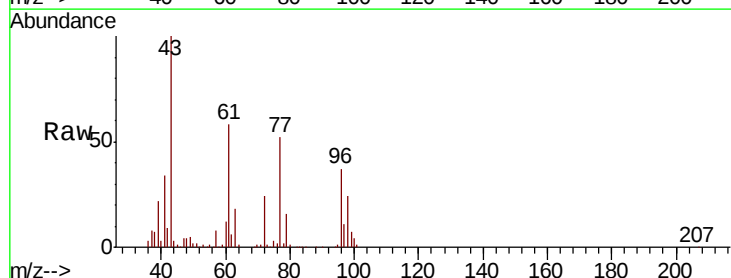
Acq: 10 Sep 2020 15:36

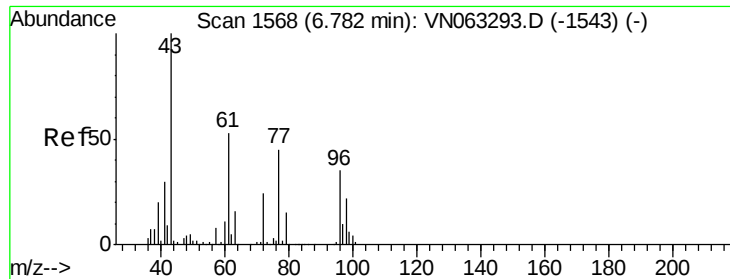
Tgt Ion: 77 Resp: 478837

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.6

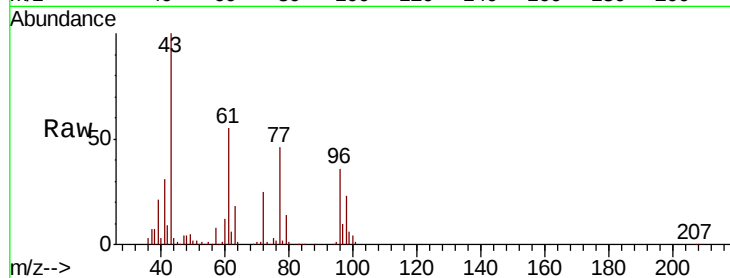




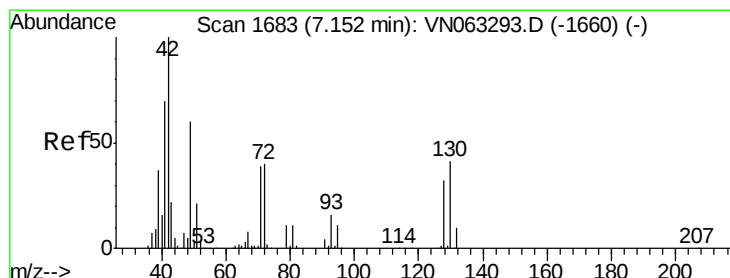
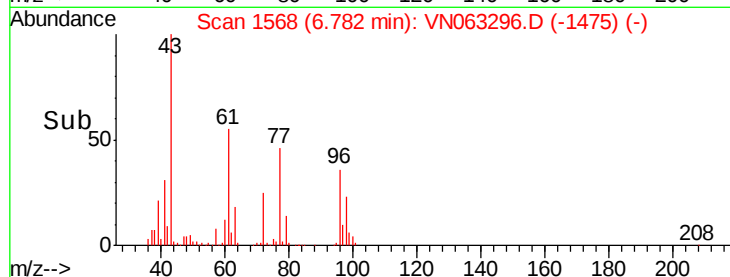
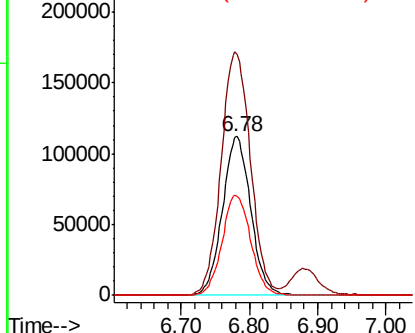
#27
 cis-1,2-Dichloroethene
 Concen: 48.223 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

Tot Ion: 96 Resp: 322992
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 322.8
 98 63.9 0.0 132.2

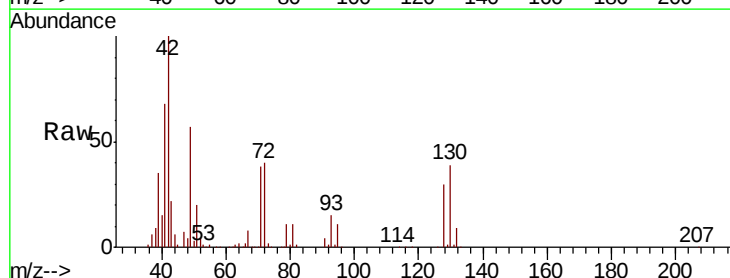


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

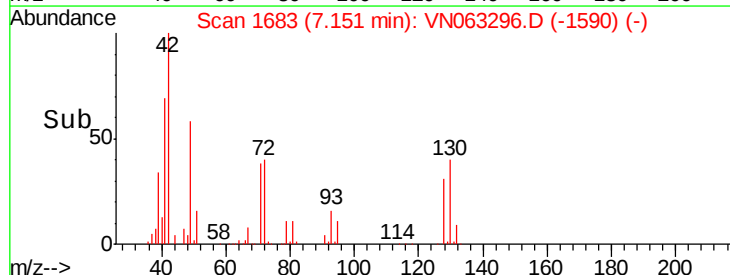
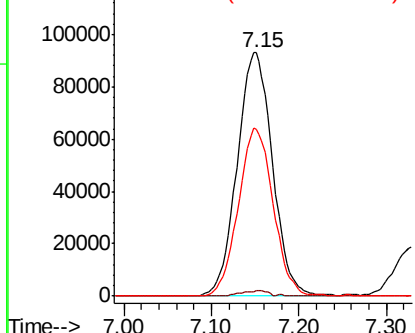


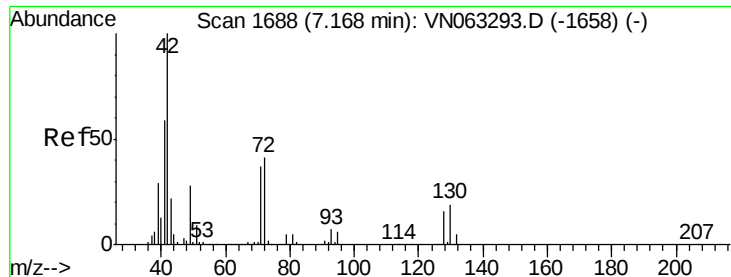
#28
 Bromochloromethane
 Concen: 47.861 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion: 49 Resp: 260753
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 67.9 53.1 79.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

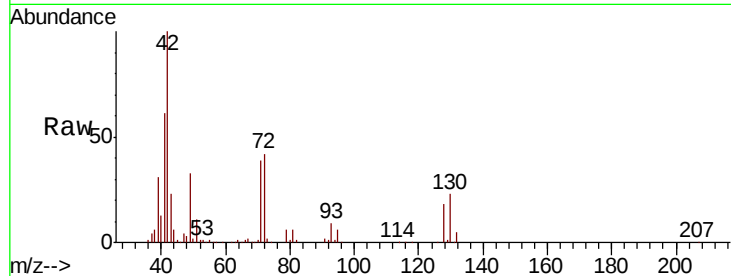




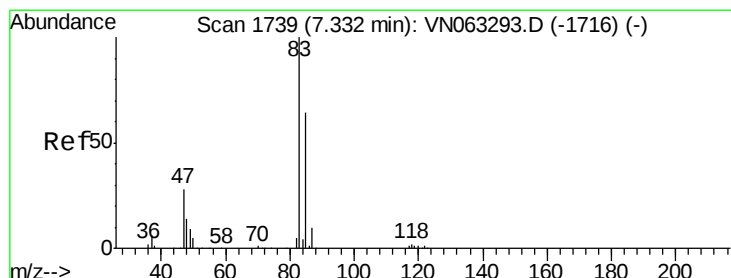
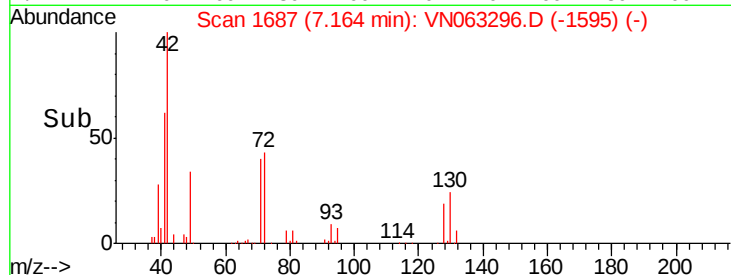
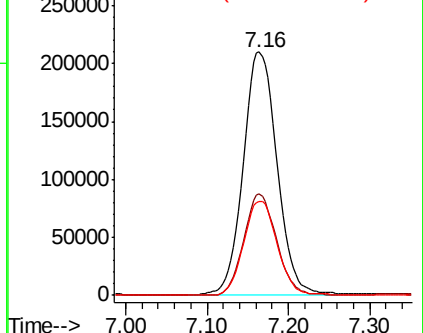
#29
Tetrahydrofuran
Concen: 245.100 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

Tot Ion: 42 Resp: 599389
Ion Ratio Lower Upper
42 100
72 40.4 31.4 47.2
71 38.6 30.0 45.0

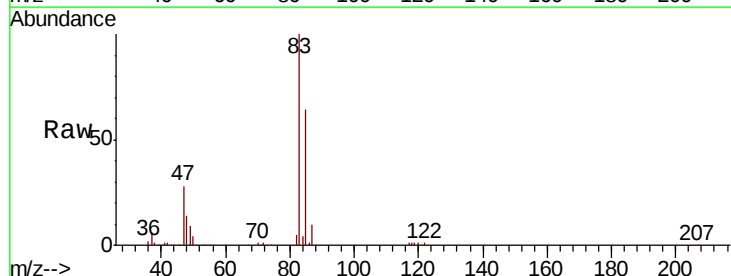


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

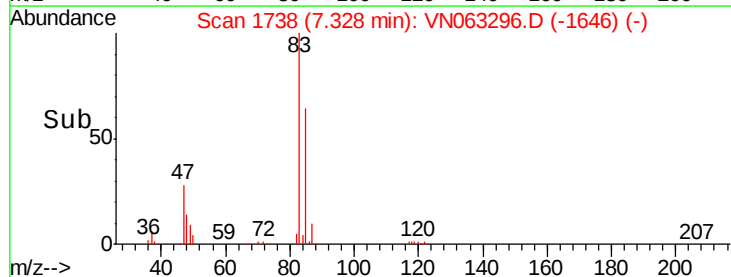
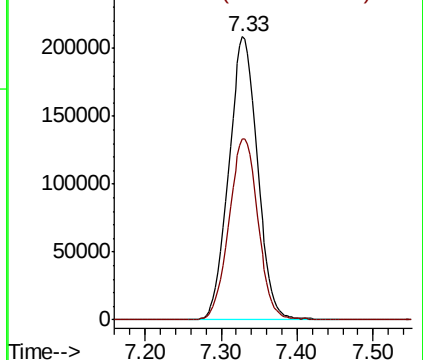


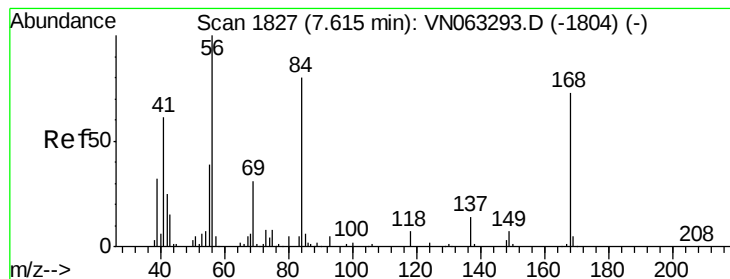
#30
Chloroform
Concen: 48.672 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 83 Resp: 547537
Ion Ratio Lower Upper
83 100
85 63.8 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.329 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

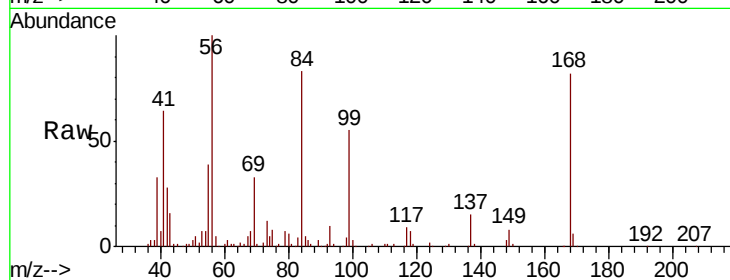
Tot Ion: 56 Resp: 488767

Ion Ratio Lower Upper

56 100

69 33.1 25.1 37.7

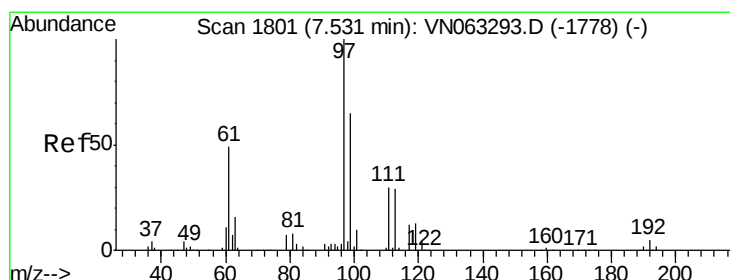
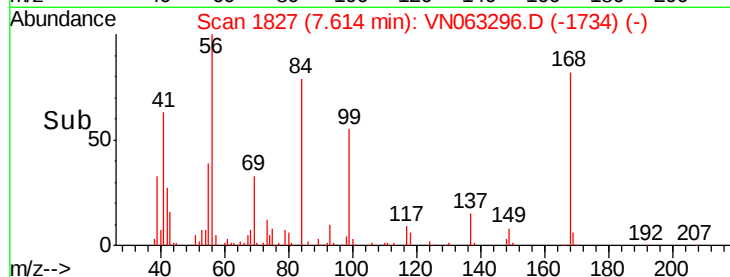
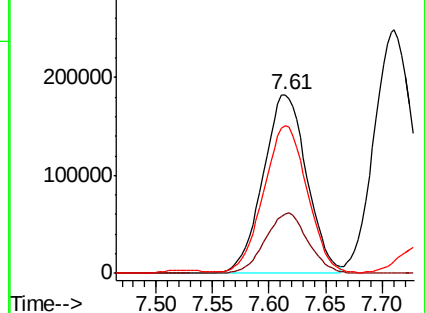
84 81.0 64.2 96.2



Abundance Ion 56.00 (55.70 to 56.70): VN063296.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063296.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063296.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 48.903 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

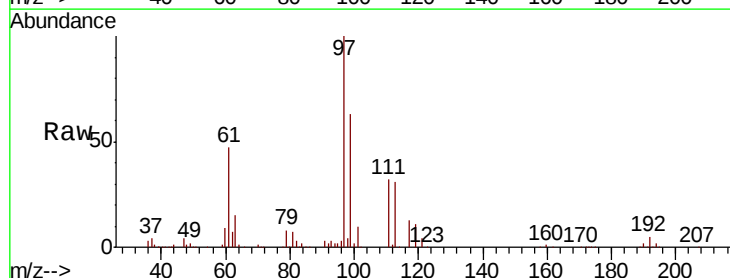
Tgt Ion: 97 Resp: 479572

Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.2

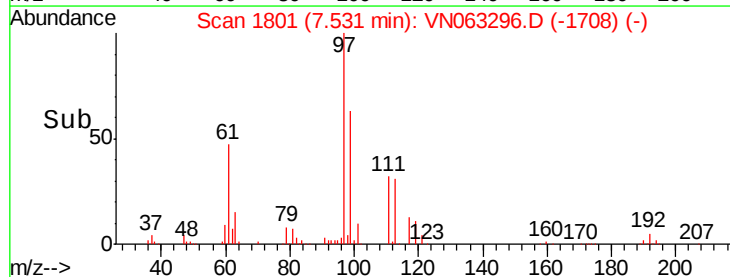
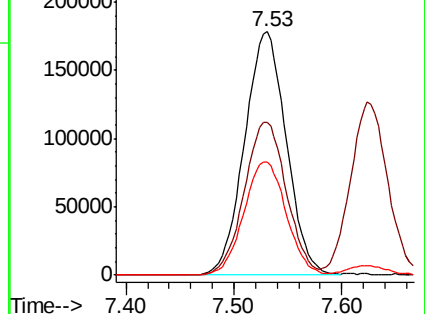
61 47.3 38.9 58.3

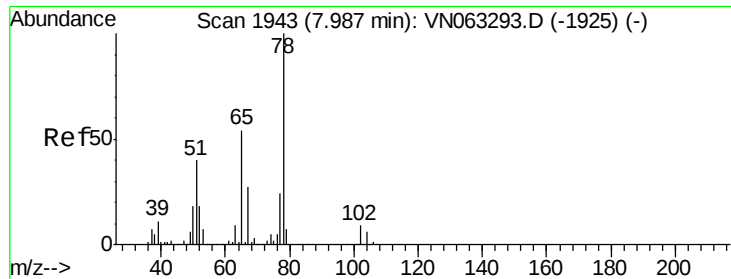


Abundance Ion 96.90 (96.60 to 97.60): VN063296.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN063296.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN063296.D (-1708) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.609 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

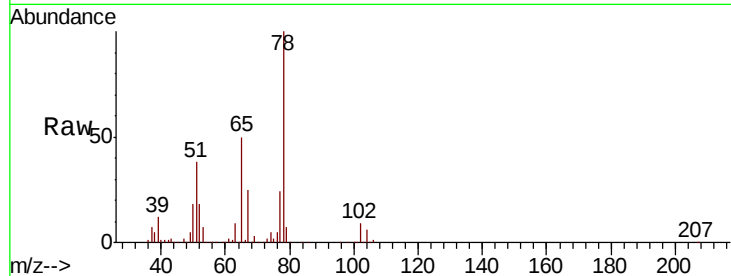
ICVVN091020

Tot Ion: 65 Resp: 350546

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

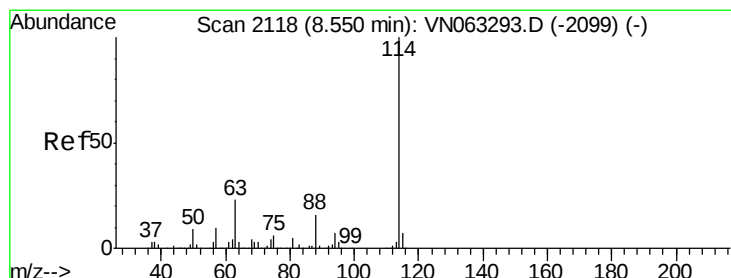
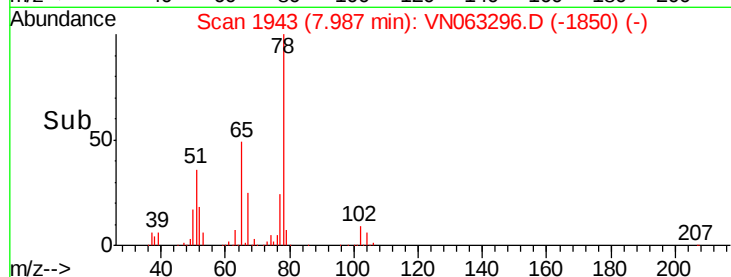
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

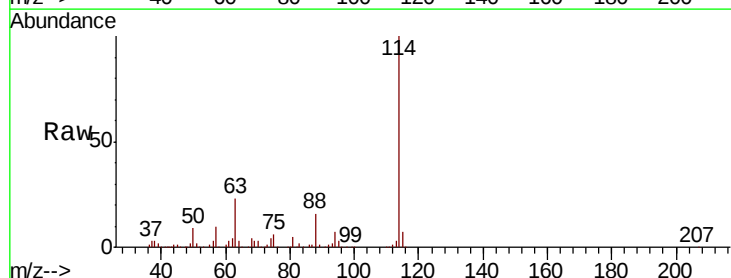
Tgt Ion: 114 Resp: 817329

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.0

88 16.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.55

500000

400000

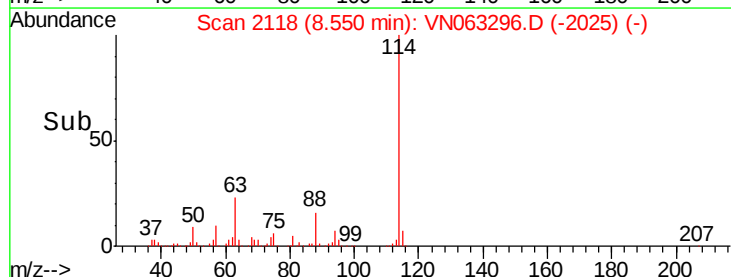
300000

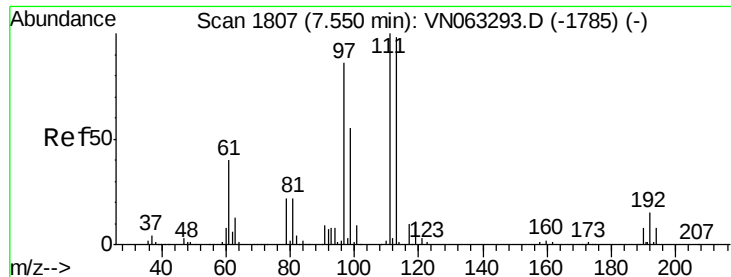
200000

100000

0

Time-->

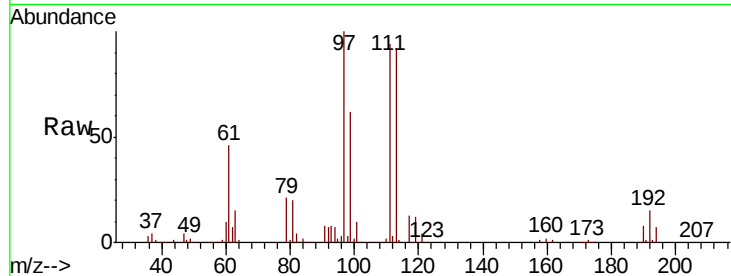




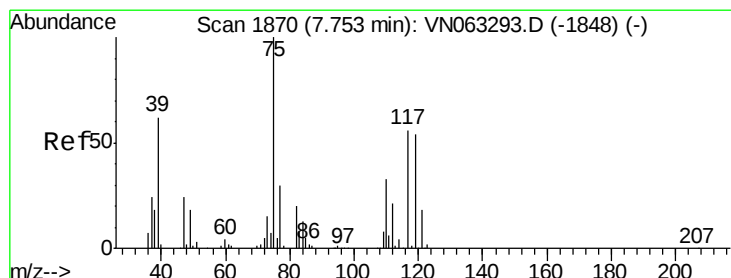
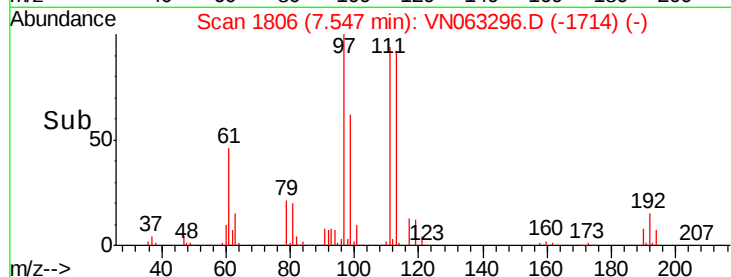
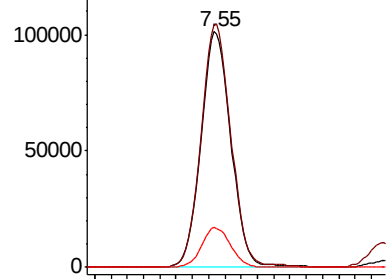
#35
 Dibromofluoromethane
 Concen: 49.323 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091020

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.2
192	16.5	12.9	19.3

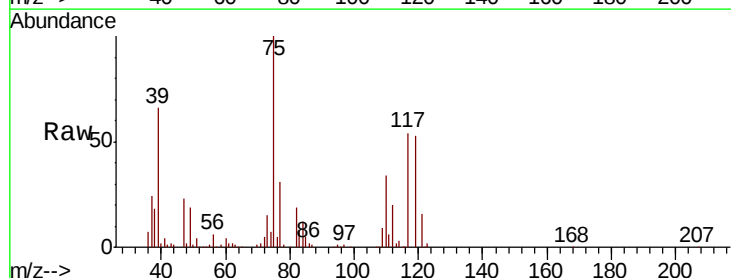


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

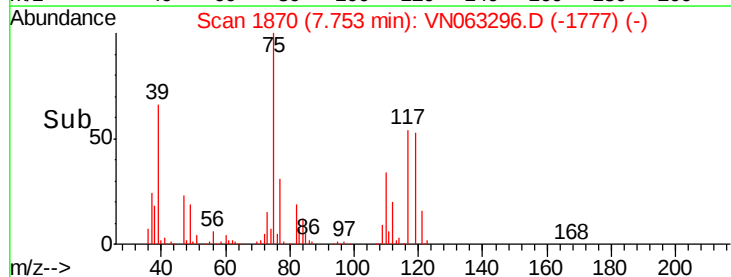
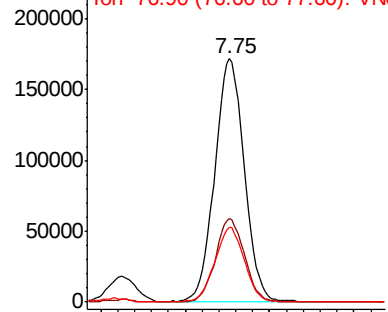


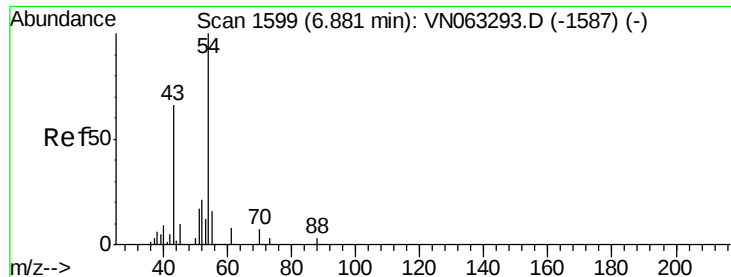
#36
 1,1-Dichloropropene
 Concen: 49.765 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.4	49.4
77	30.9	24.8	37.2



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

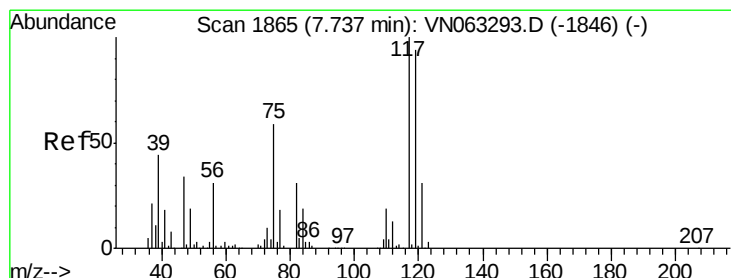
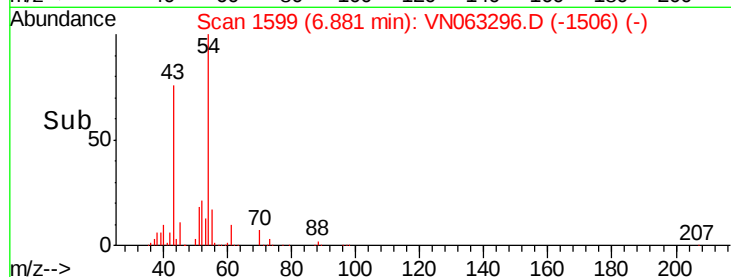
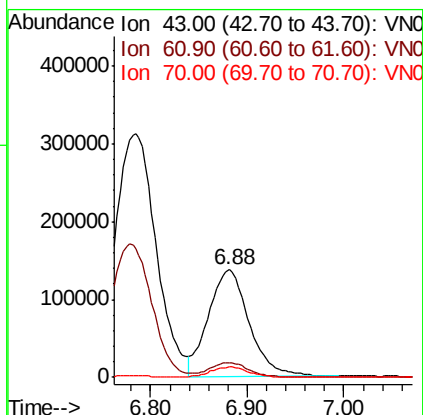
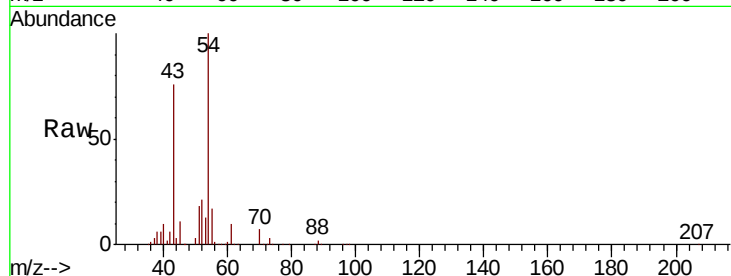




#37
Ethyl Acetate
Concen: 48.400 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

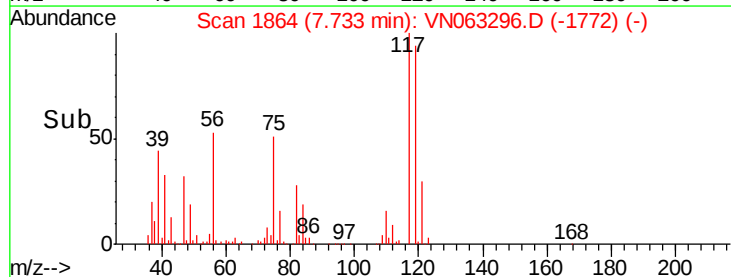
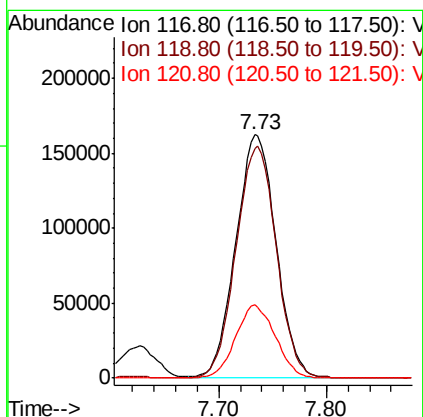
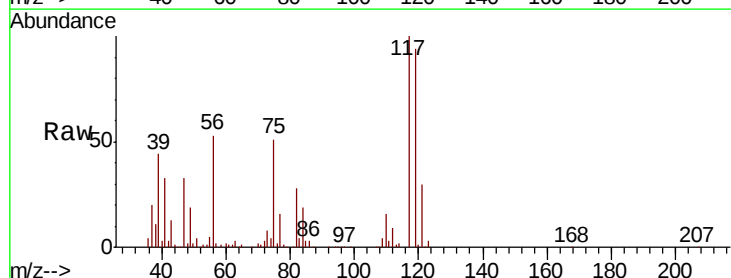
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

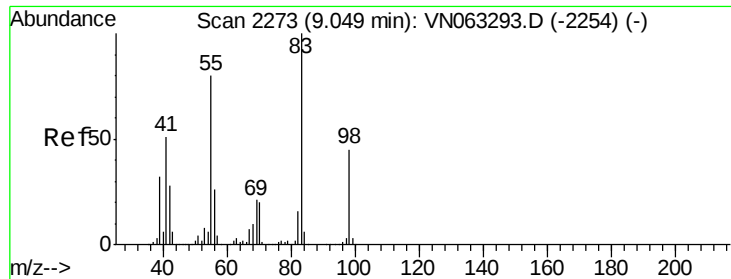
Tot Ion: 43 Resp: 400032
Ion Ratio Lower Upper
43 100
61 12.7 10.1 15.1
70 8.7 7.4 11.2



#38
Carbon Tetrachloride
Concen: 50.546 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 117 Resp: 417936
Ion Ratio Lower Upper
117 100
119 94.5 75.3 112.9
121 30.3 24.6 37.0

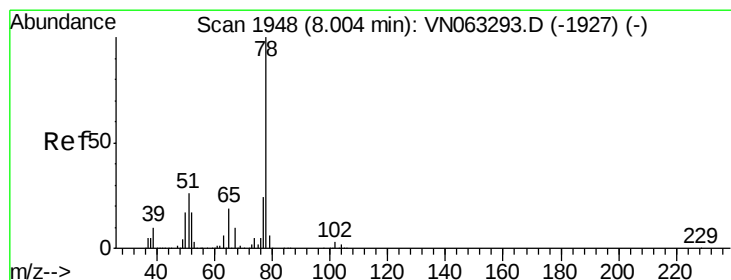
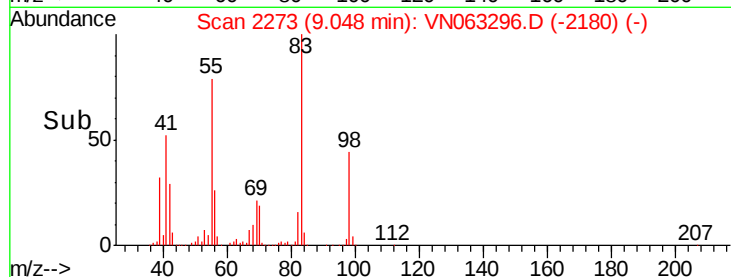
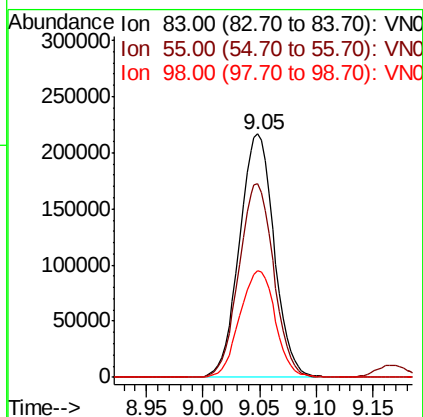
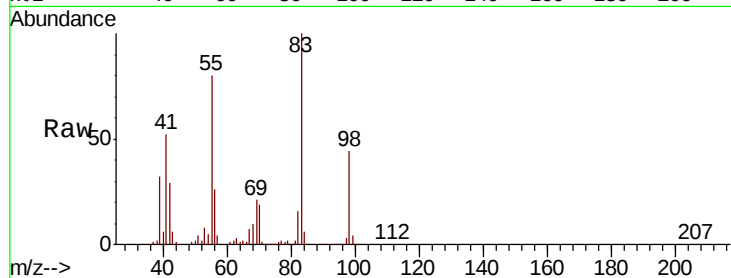




#39
Methylvlcvclohexane
Concen: 50.449 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

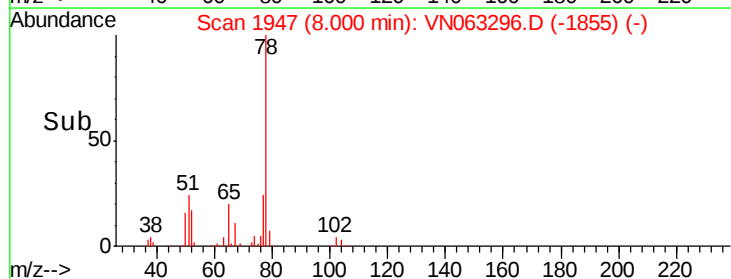
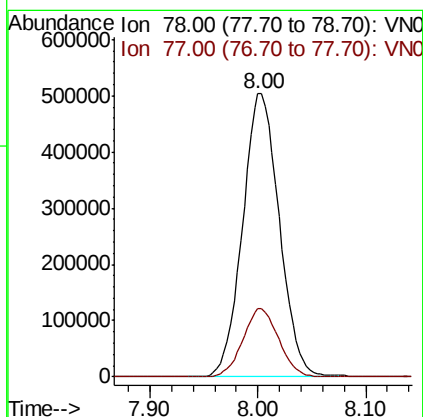
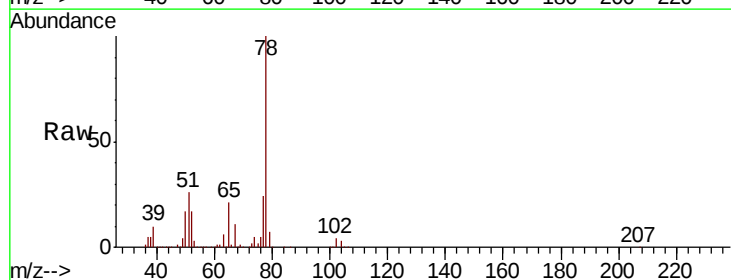
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

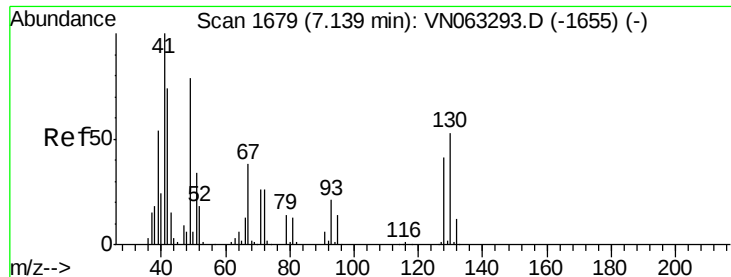
Tot Ion: 83 Resp: 462375
Ion Ratio Lower Upper
83 100
55 79.4 64.0 96.0
98 43.8 36.4 54.6



#40
Benzene
Concen: 49.624 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 78 Resp: 1190748
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

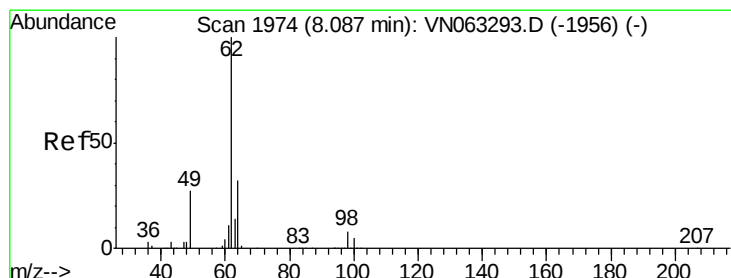
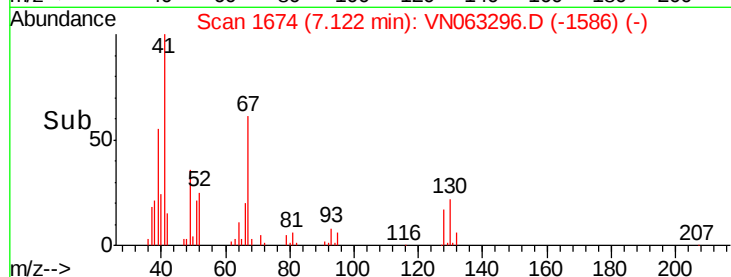
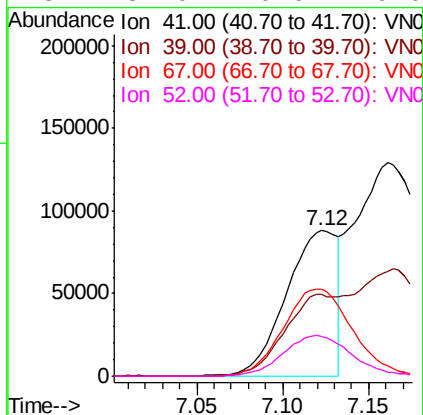
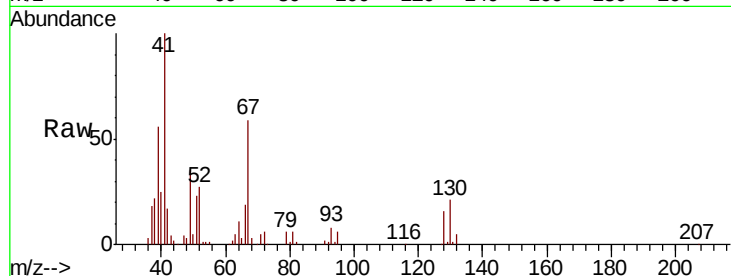




#41
Methacrylonitrile
Concen: 48.623 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

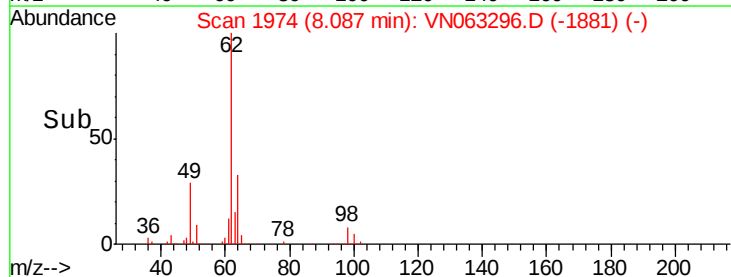
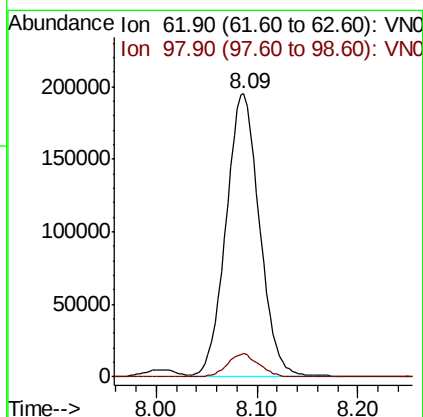
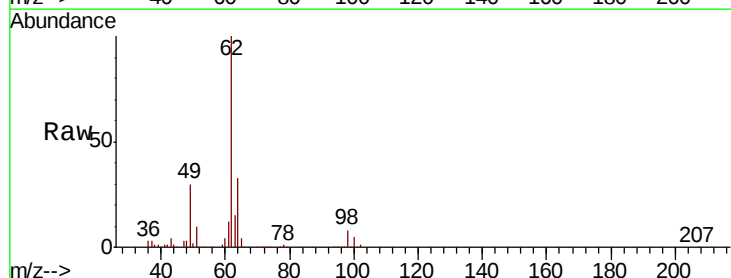
Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

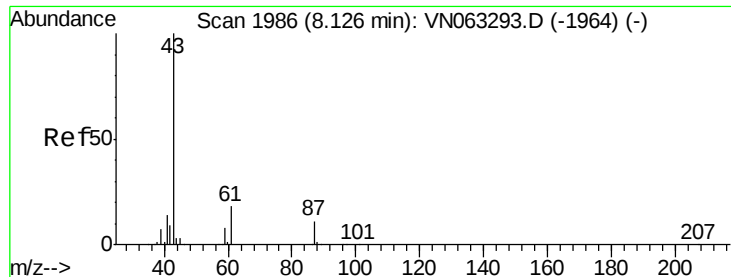
Tot Ion:	41	Resp:	181783
Ion	Ratio	Lower	Upper
41	100		
39	51.7	0.0	0.0#
67	82.1	0.0	0.0#
52	37.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.479 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion:	62	Resp:	450455
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.4





#43

Isopropyl Acetate

Concen: 50.176 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

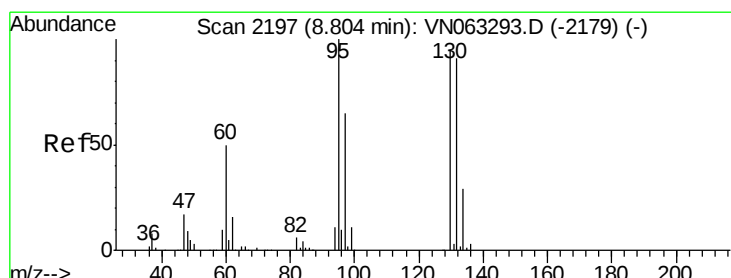
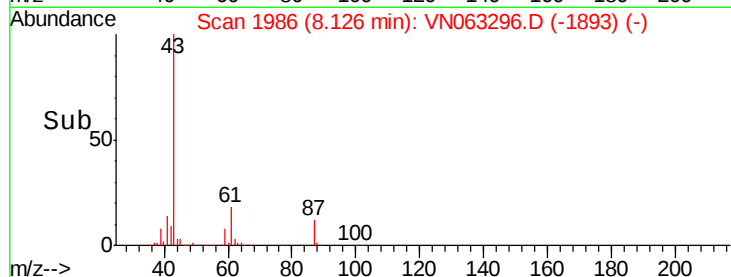
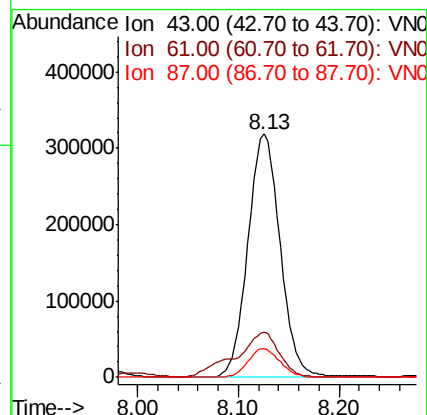
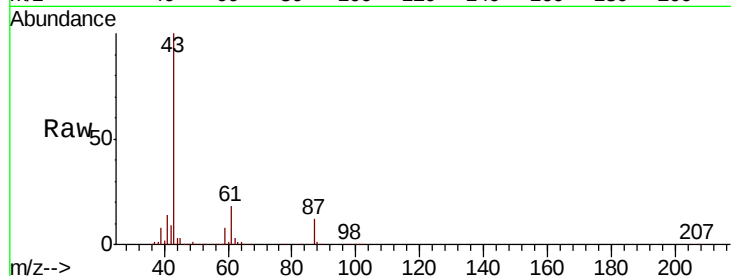
MSVOA_N

ClientSampleId :

ICVVN091020

Tot Ion: 43 Resp: 702313

Ion	Ratio	Lower	Upper
43	100		
61	24.9	15.1	22.7#
87	11.8	9.2	13.8



#44

Trichloroethene

Concen: 48.719 ug/l

RT: 8.80 min Scan# 2196

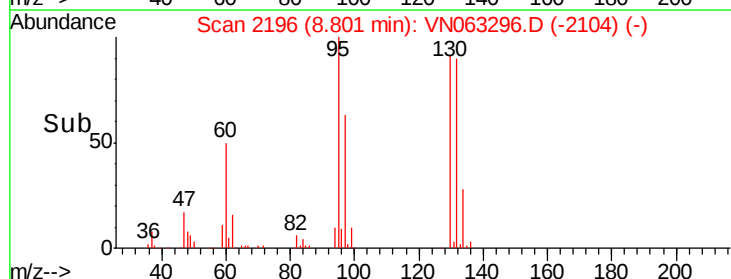
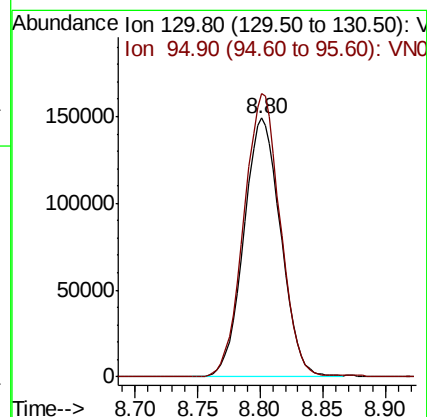
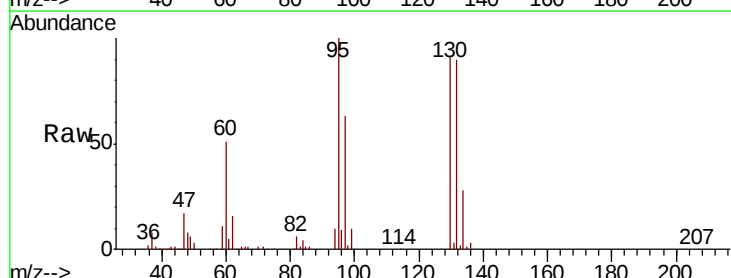
Delta R.T. -0.00 min

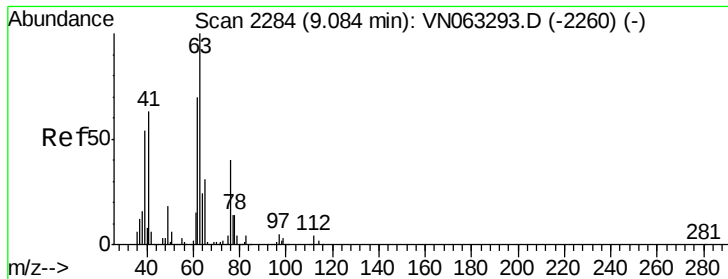
Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion: 130 Resp: 305721

Ion	Ratio	Lower	Upper
130	100		
95	109.5	0.0	210.8

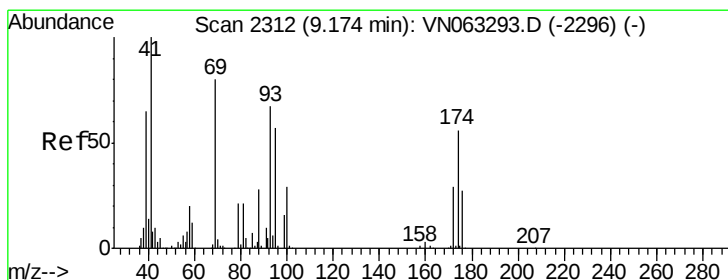
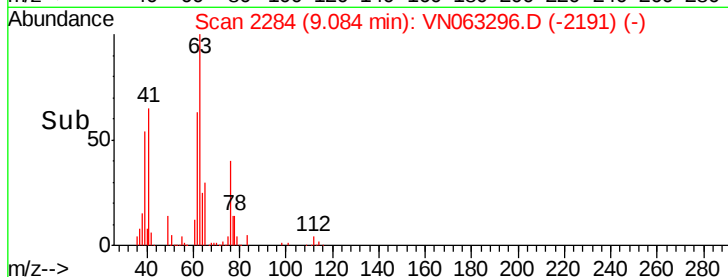
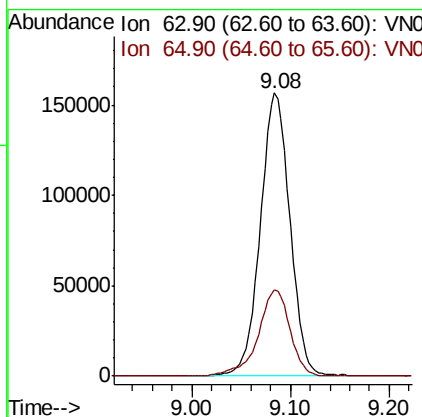
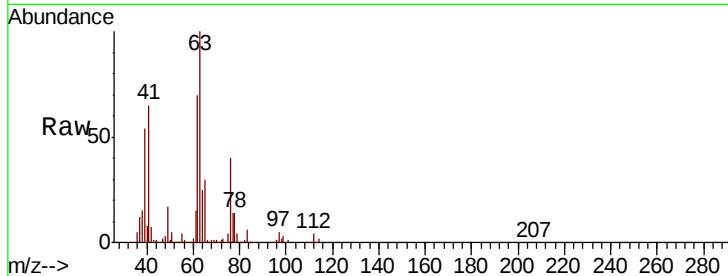




#45
 1,2-Dichloropropane
 Concen: 49.206 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

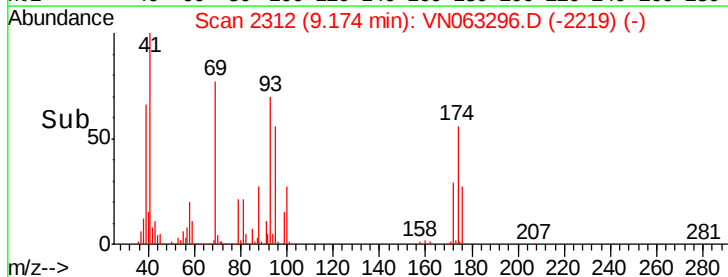
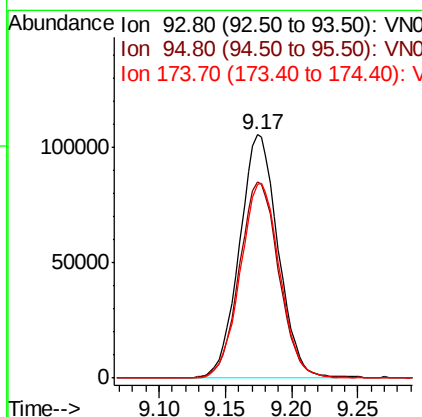
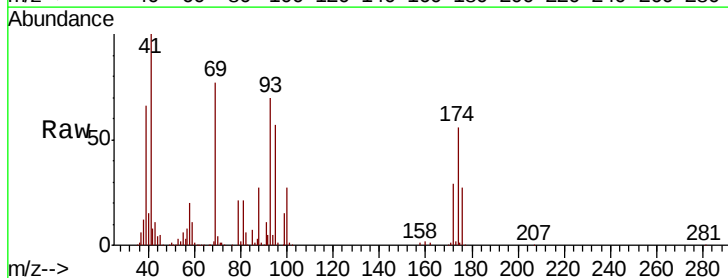
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

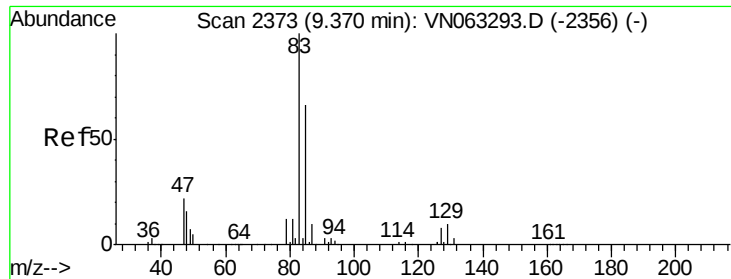
Tot Ion: 63 Resp: 323865
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8



#46
 Dibromomethane
 Concen: 49.956 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion: 93 Resp: 213217
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.9 101.9
 174 81.5 66.9 100.3

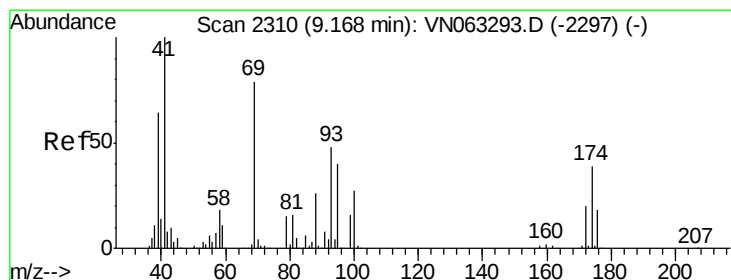
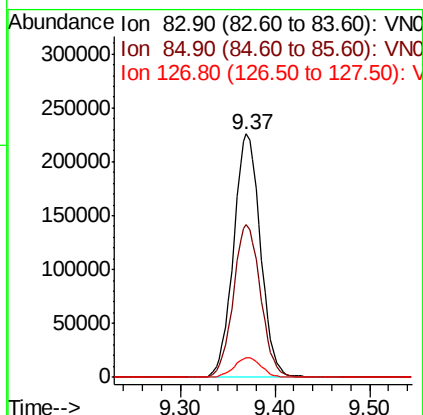
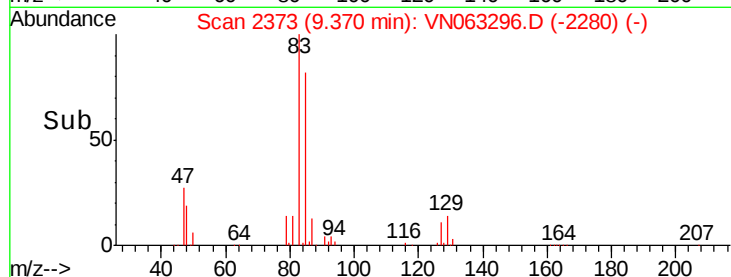
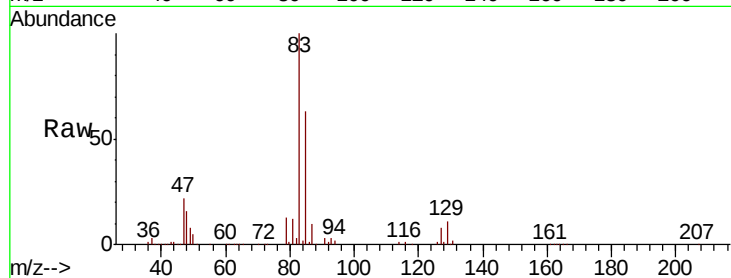




#47
Bromodichloromethane
Concen: 49.966 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

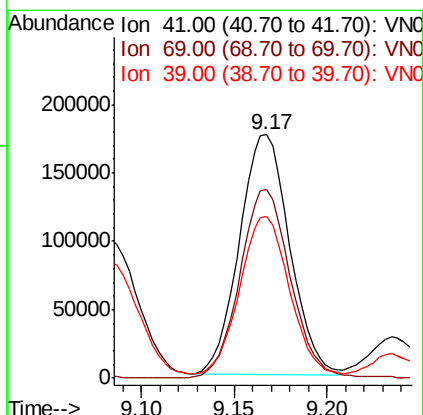
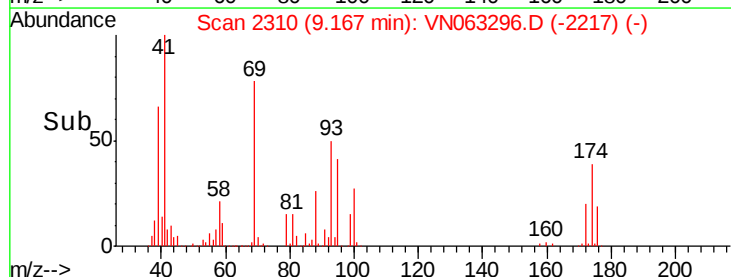
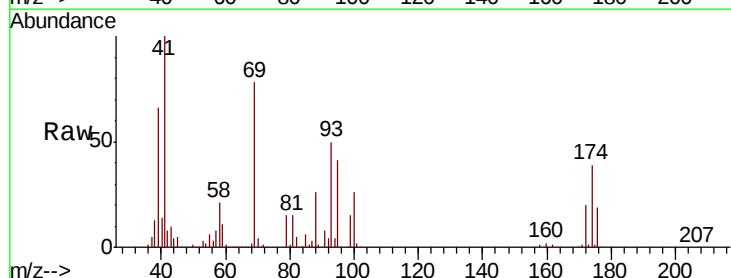
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

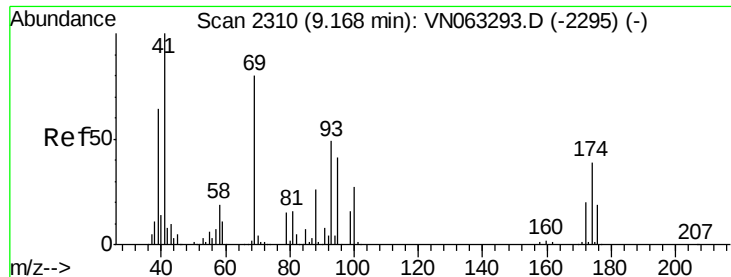
Tot Ion: 83 Resp: 444419
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 49.636 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 41 Resp: 331504
Ion Ratio Lower Upper
41 100
69 78.9 63.6 95.4
39 67.7 53.2 79.8

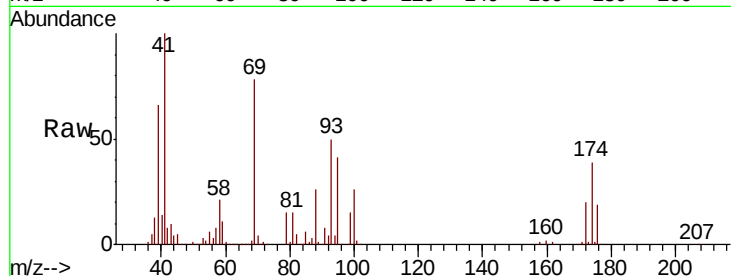




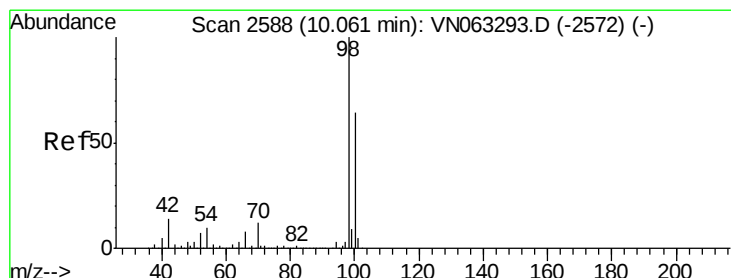
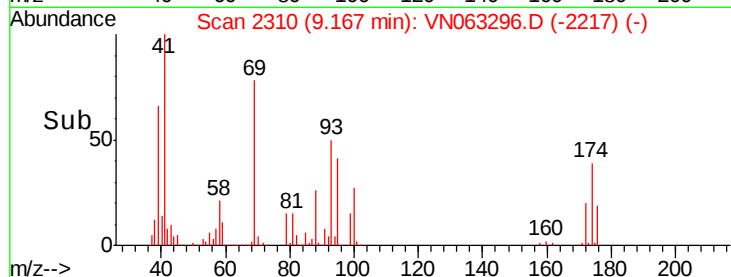
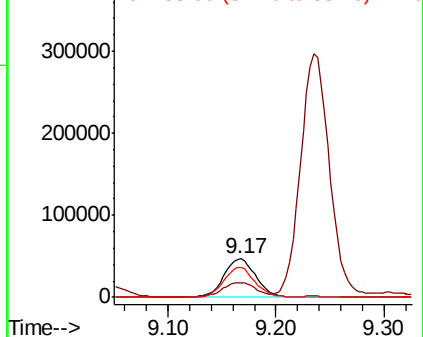
#49
1,4-Dioxane
Concen: 945.709 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tot Ion: 88 Resp: 97792
Ion Ratio Lower Upper
88 100
43 37.1 30.5 45.7
58 75.7 58.9 88.3

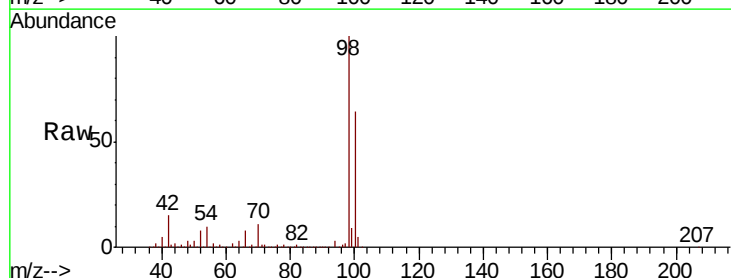


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

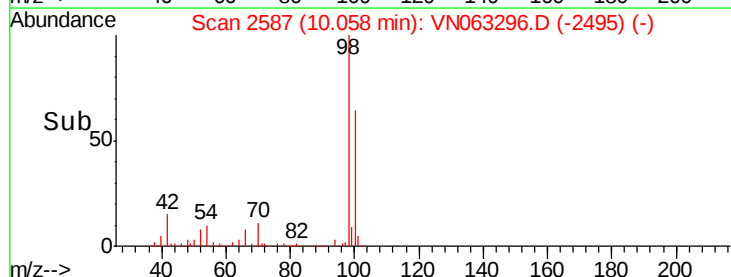
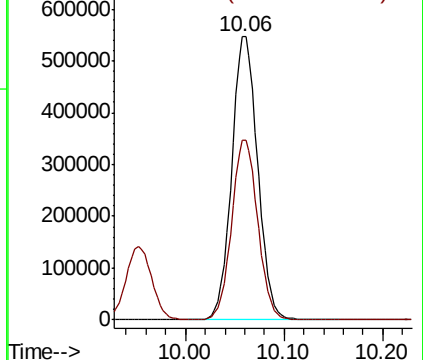


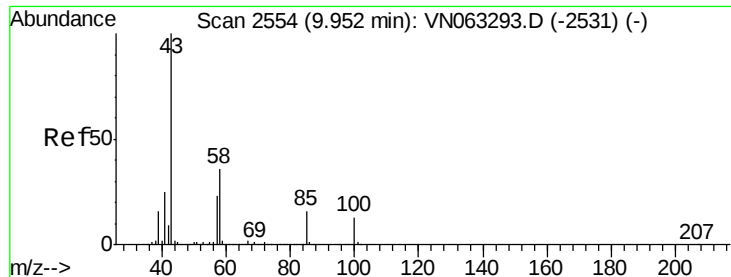
#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 98 Resp: 1001290
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 257.907 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

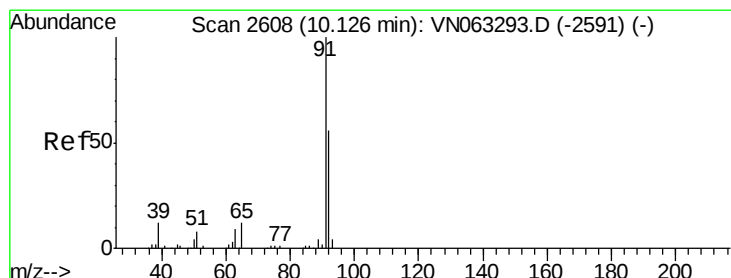
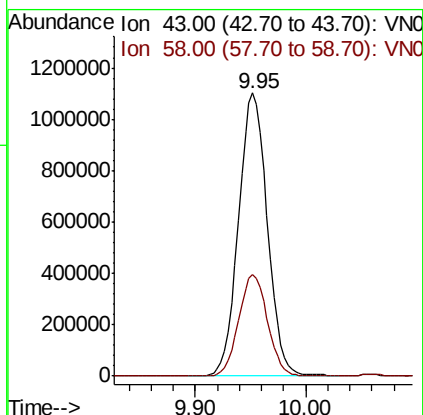
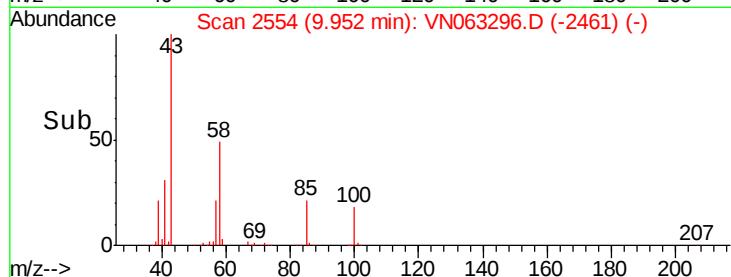
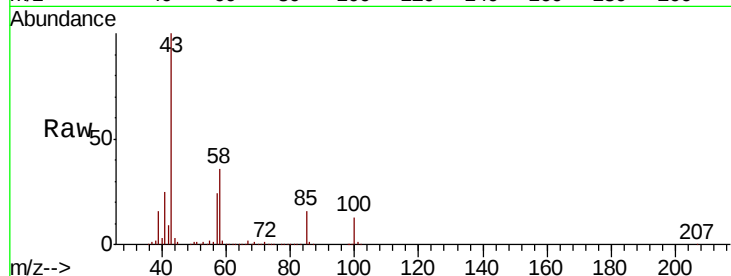
ICVVN091020

Tot Ion: 43 Resp: 1989435

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.4



#52

Toluene

Concen: 50.555 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063296.D

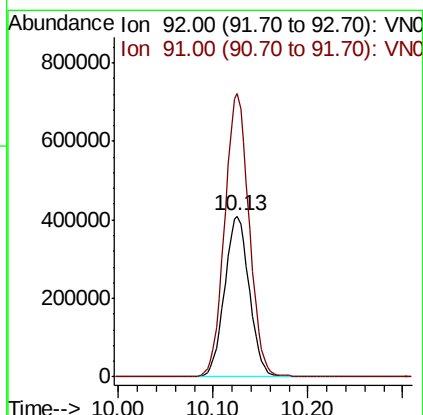
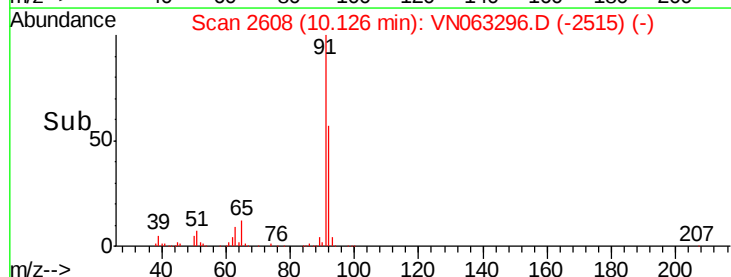
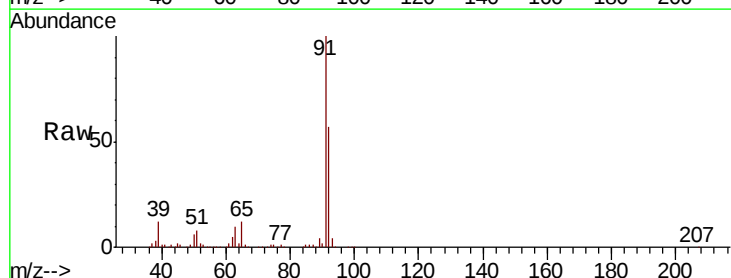
Acq: 10 Sep 2020 15:36

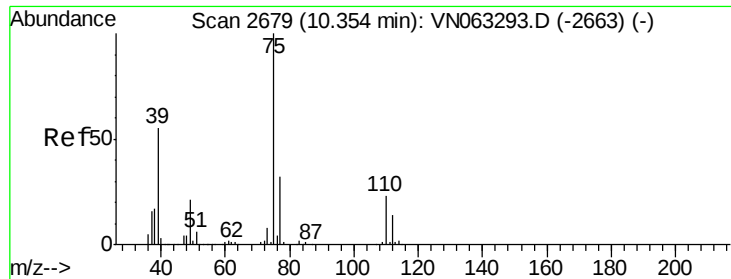
Tgt Ion: 92 Resp: 740650

Ion Ratio Lower Upper

92 100

91 175.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 51.304 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

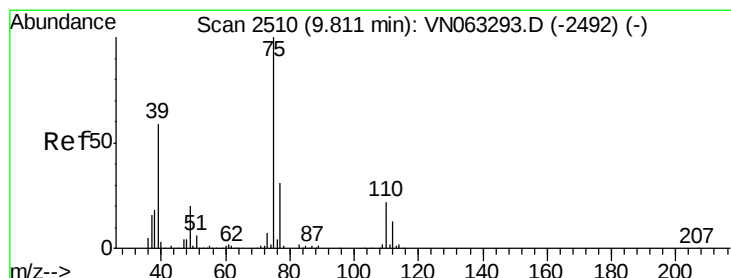
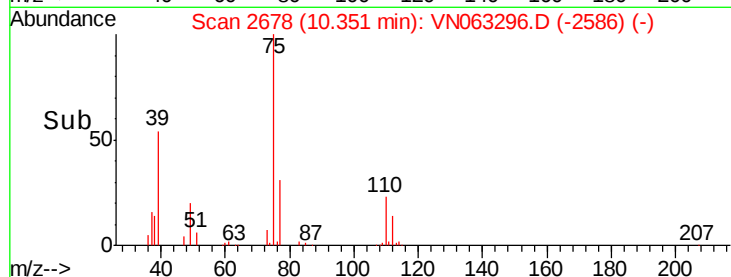
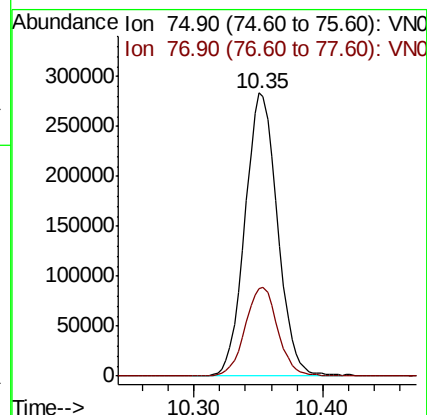
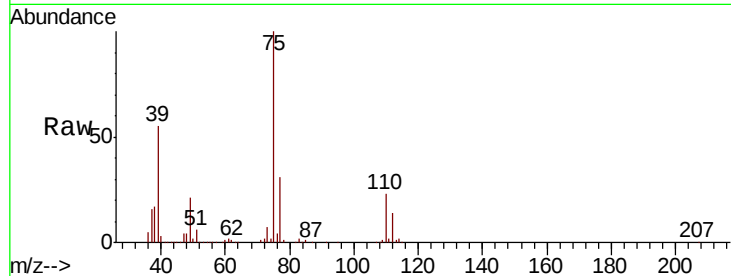
ICVVN091020

Tot Ion: 75 Resp: 497609

Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 50.599 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

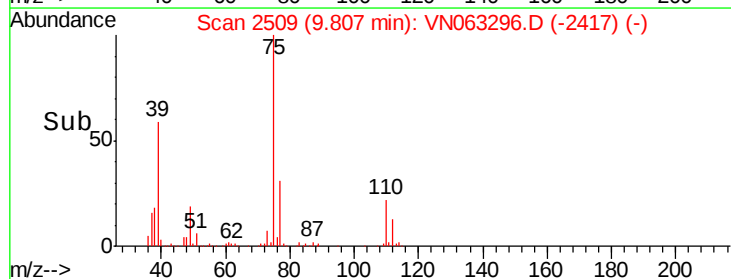
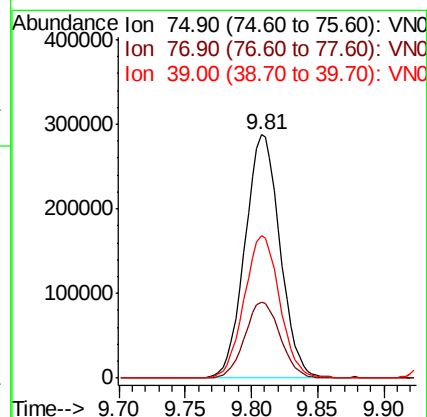
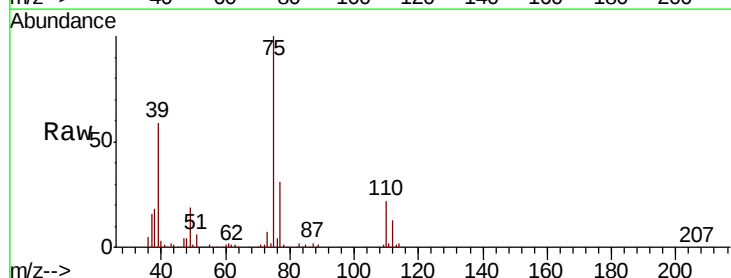
Tgt Ion: 75 Resp: 528415

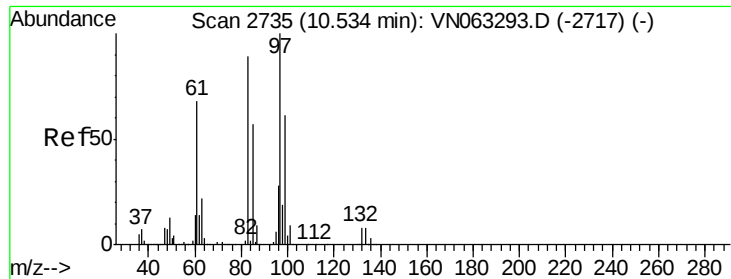
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 58.5 47.2 70.8

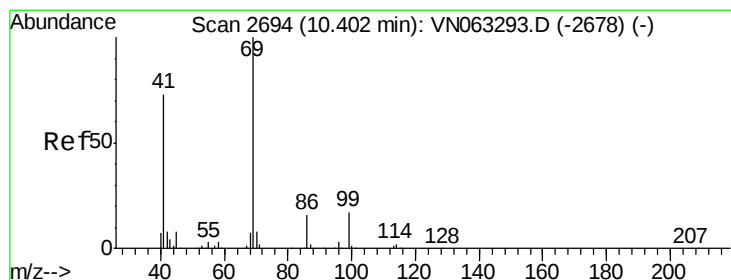
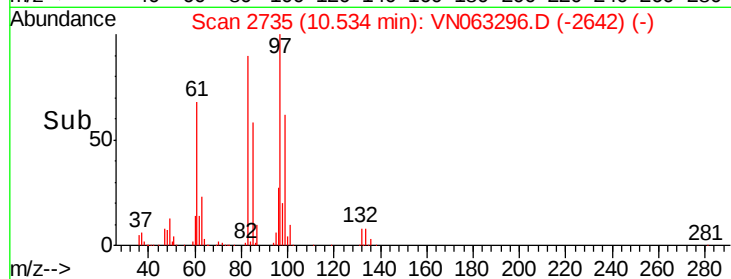
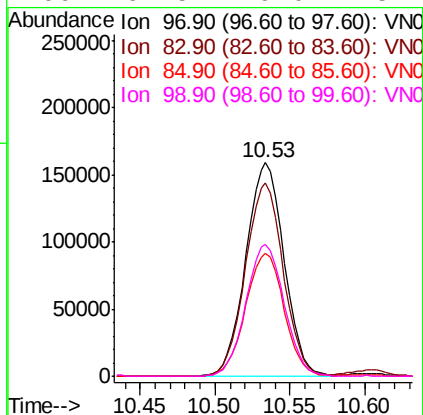
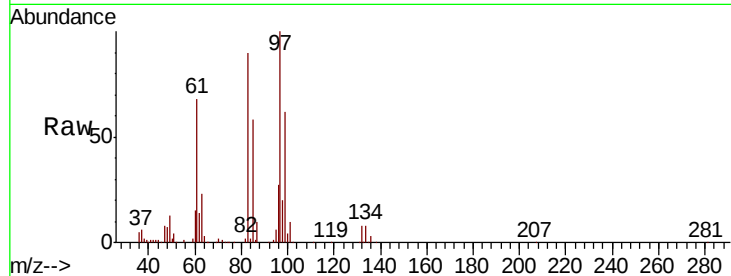




#55
 1,1,2-Trichloroethane
 Concen: 49.319 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

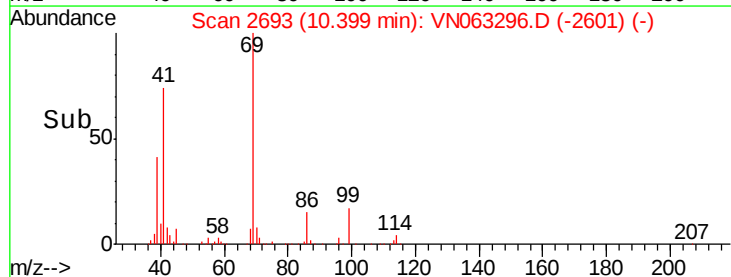
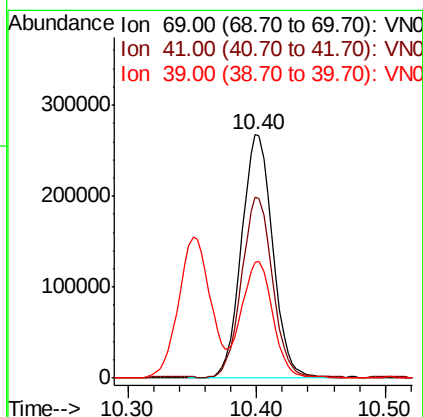
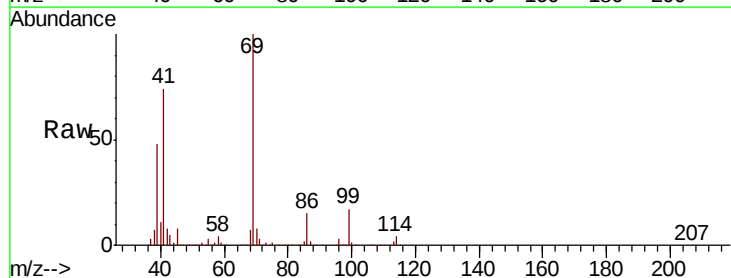
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

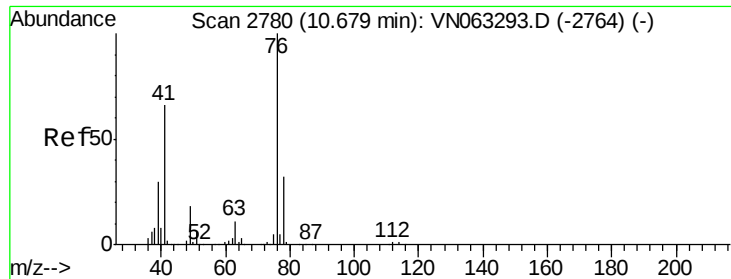
Tot Ion:	97	Resp:	283130
Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.8	106.2
85	57.8	45.6	68.4
99	61.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.782 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion:	69	Resp:	452054
Ion	Ratio	Lower	Upper
69	100		
41	73.1	58.4	87.6
39	48.0	38.6	58.0

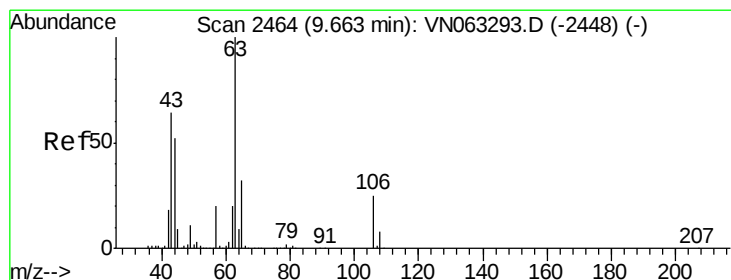
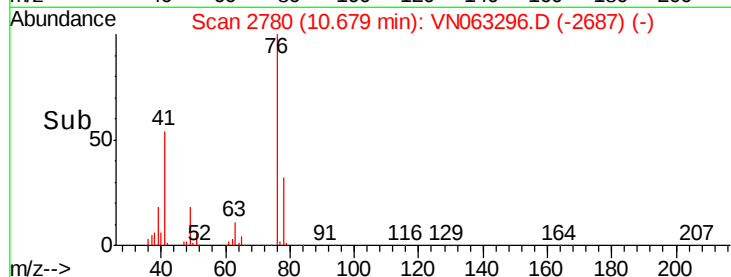
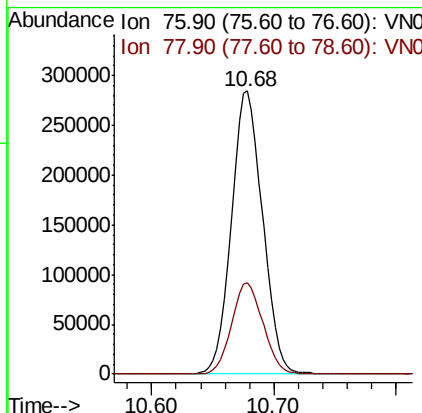
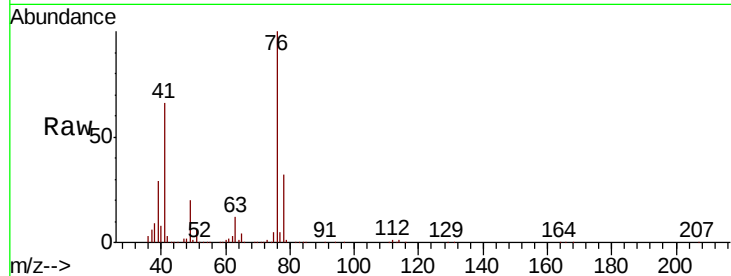




#57
 1,3-Dichloropropane
 Concen: 50.294 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

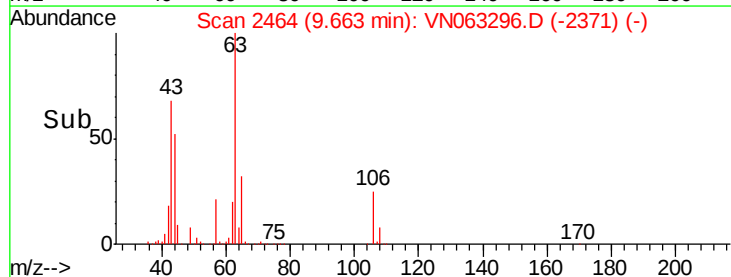
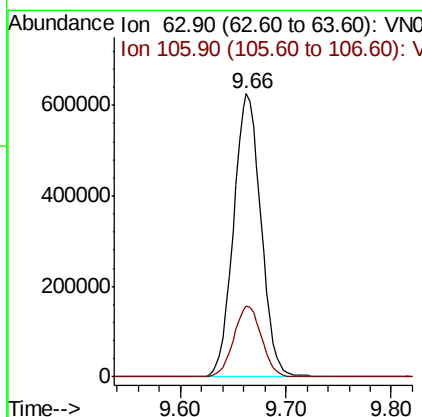
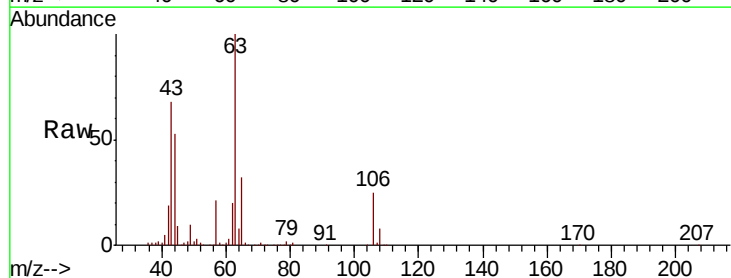
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

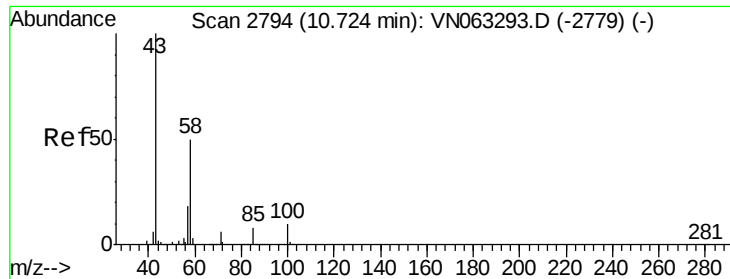
Tot Ion: 76 Resp: 504523
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.056 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion: 63 Resp: 1124108
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.2 30.4

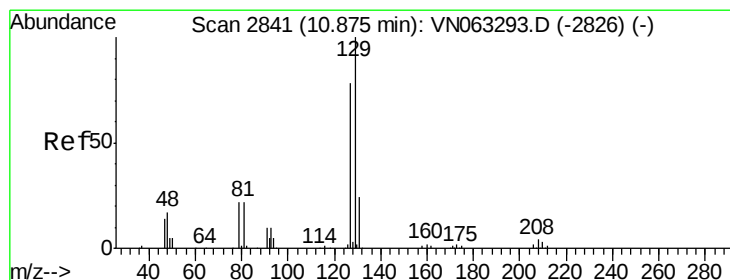
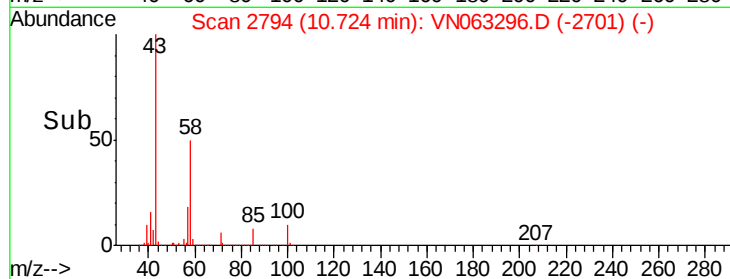
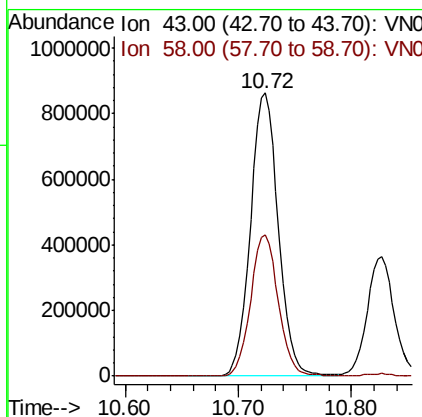
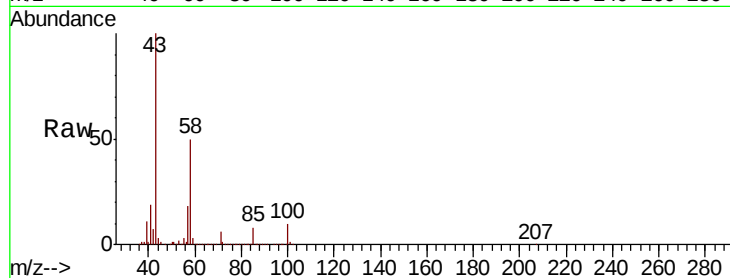




#59
2-Hexanone
Concen: 258.530 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

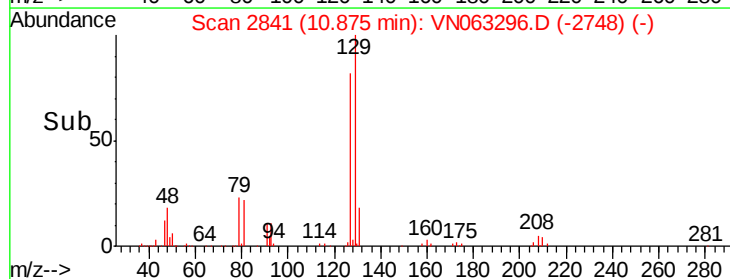
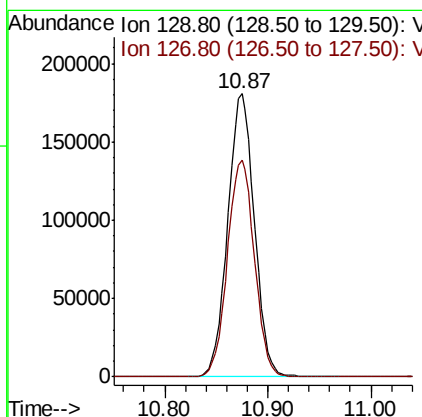
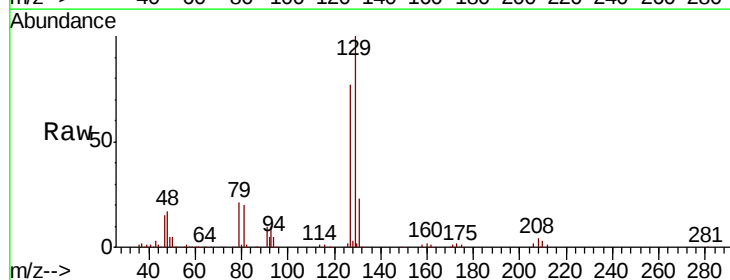
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

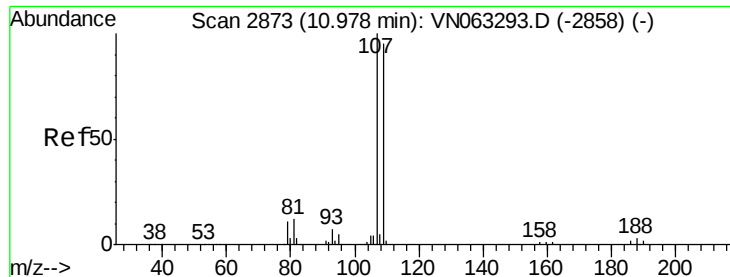
Tot Ion: 43 Resp: 1470768
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 51.557 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 129 Resp: 325017
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 49.945 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

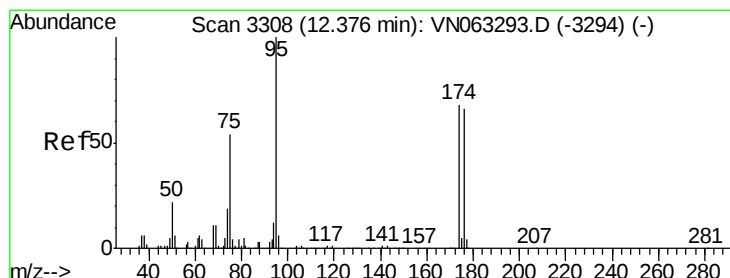
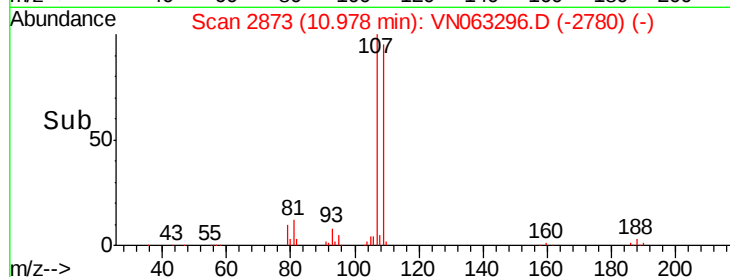
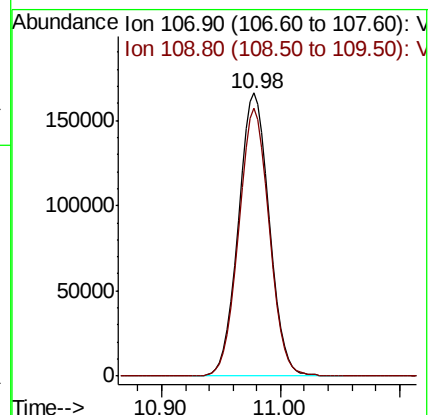
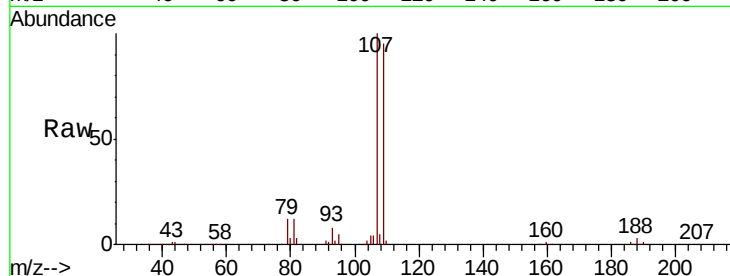
ICVVN091020

Tot Ion:107 Resp: 298910

Ion Ratio Lower Upper

107 100

109 93.5 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 50.303 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

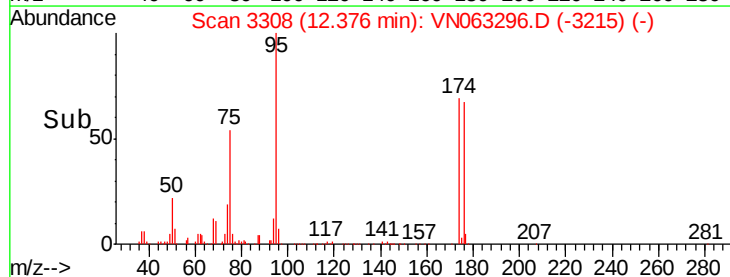
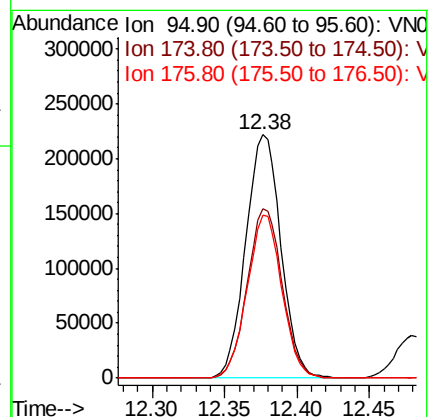
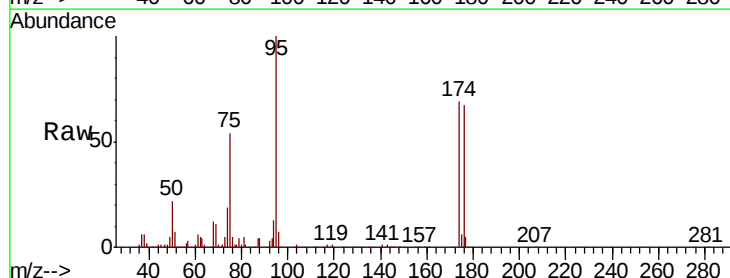
Tgt Ion: 95 Resp: 375431

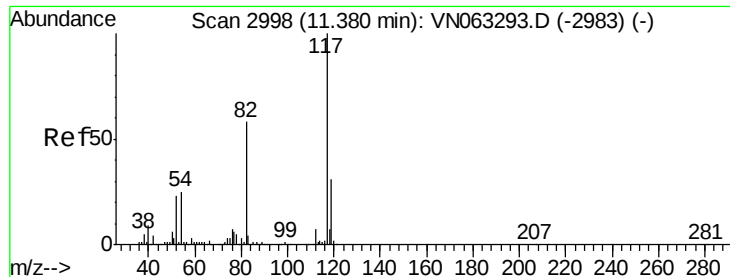
Ion Ratio Lower Upper

95 100

174 69.4 0.0 136.6

176 66.4 0.0 132.8

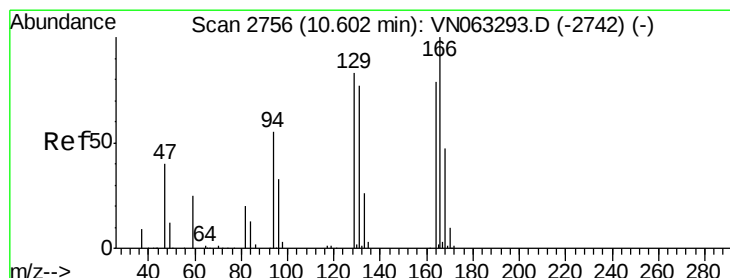
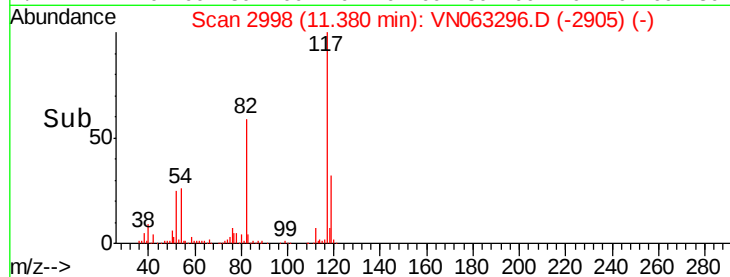
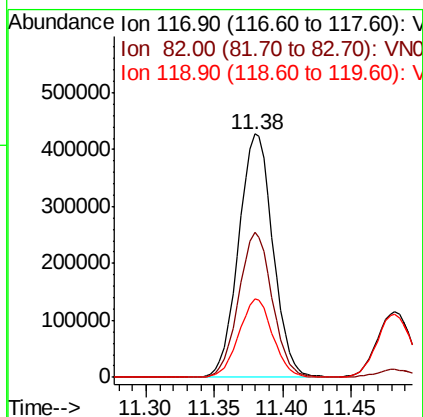
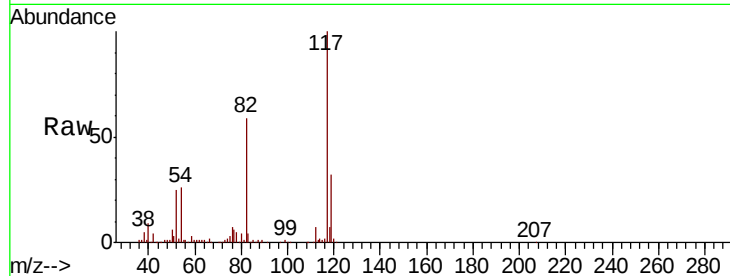




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

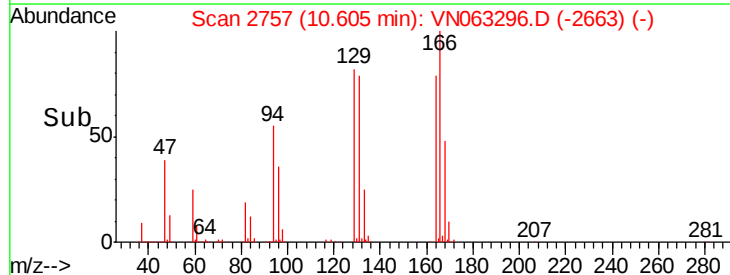
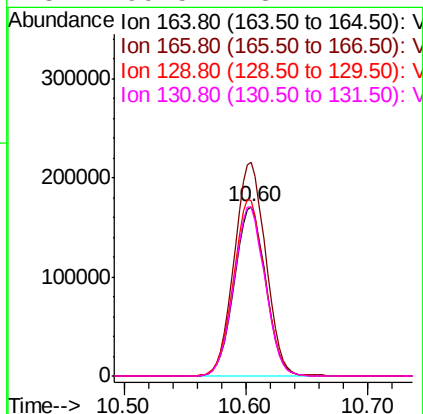
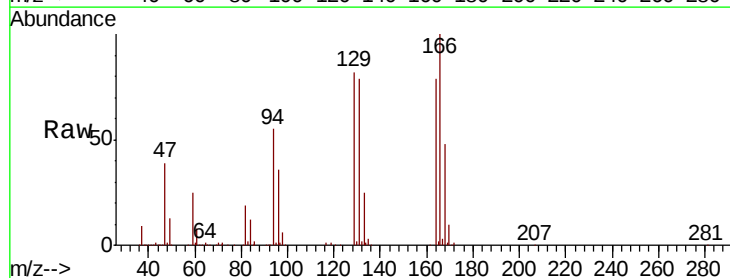
Instrument :
MSVOA_N
ClientSampled :
ICVVN091020

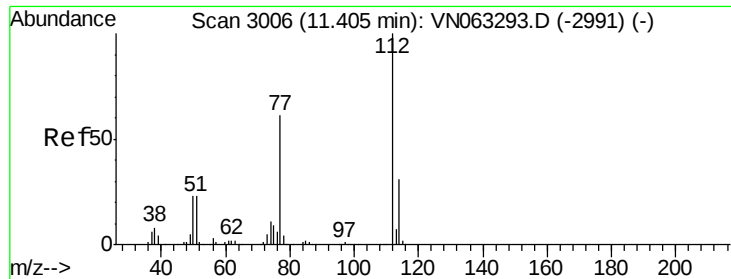
Tot Ion:117 Resp: 746509
Ion Ratio Lower Upper
117 100
82 59.4 46.4 69.6
119 32.0 24.8 37.2



#64
Tetrachloroethene
Concen: 49.797 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion:164 Resp: 304526
Ion Ratio Lower Upper
164 100
166 126.2 101.3 151.9
129 103.8 83.7 125.5
131 99.5 78.2 117.4

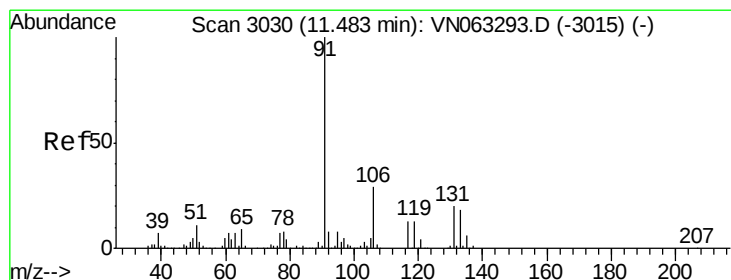
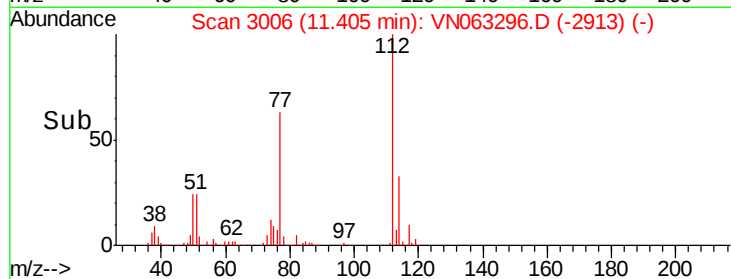
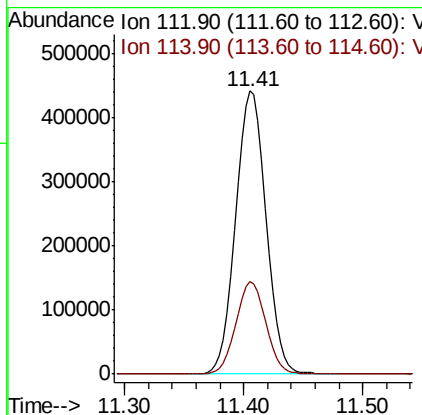
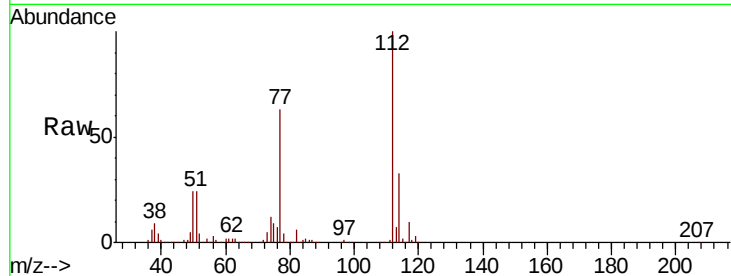




#65
Chlorobenzene
Concen: 48.603 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

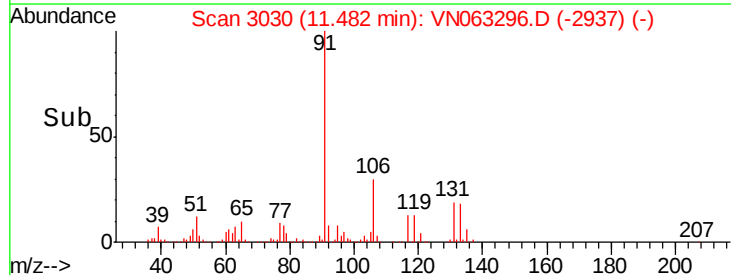
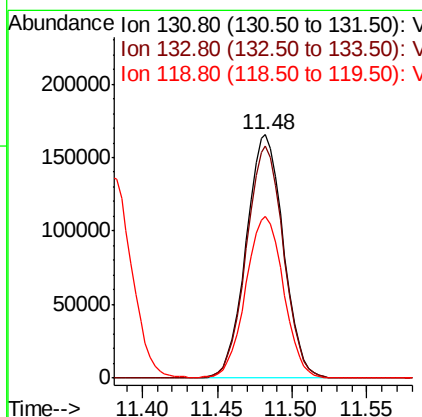
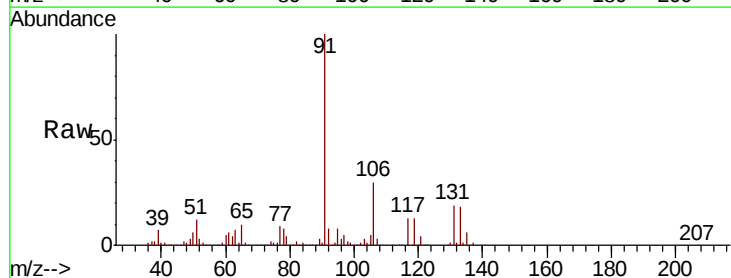
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

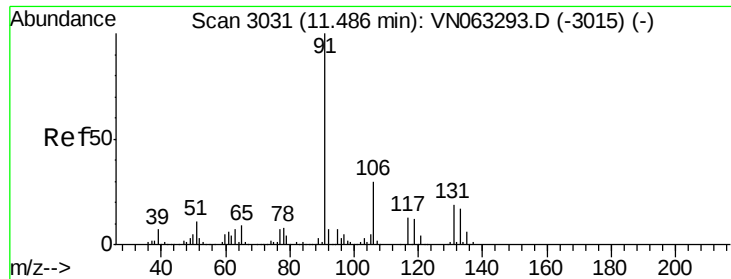
Tot Ion:112 Resp: 781107
Ion Ratio Lower Upper
112 100
114 32.6 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.959 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion:131 Resp: 286674
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.2
119 67.8 33.8 101.3





#67

Ethyl Benzene

Concen: 50.753 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

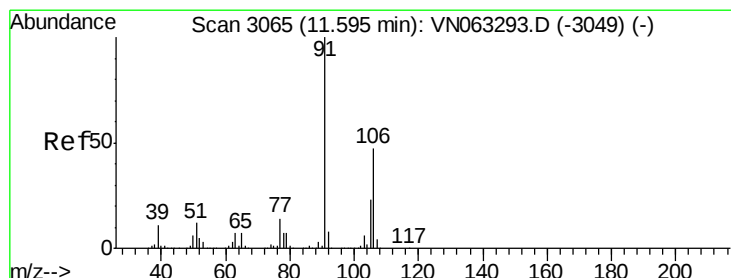
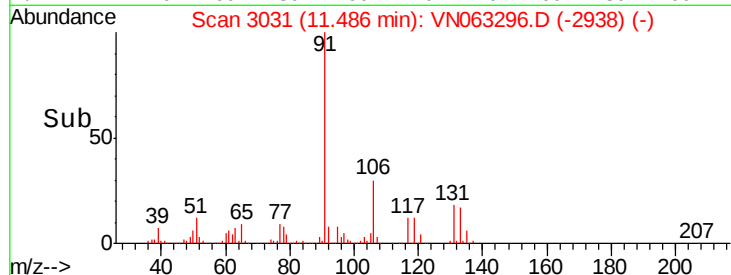
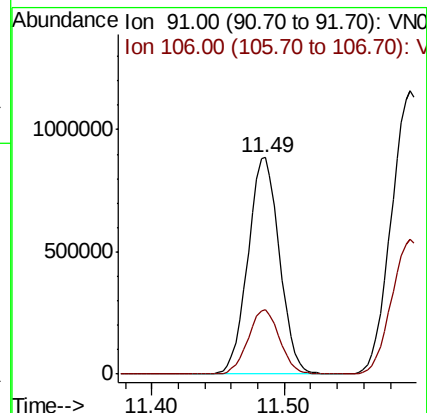
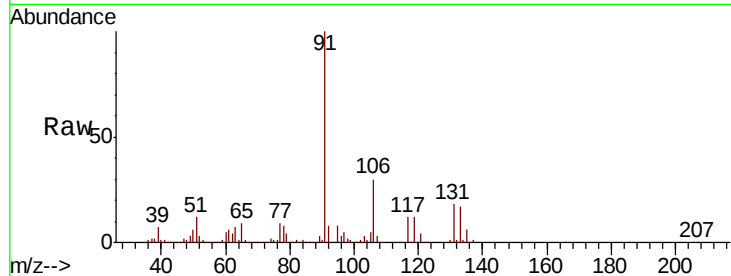
ICVVN091020

Tot Ion: 91 Resp: 1464311

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 100.346 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063296.D

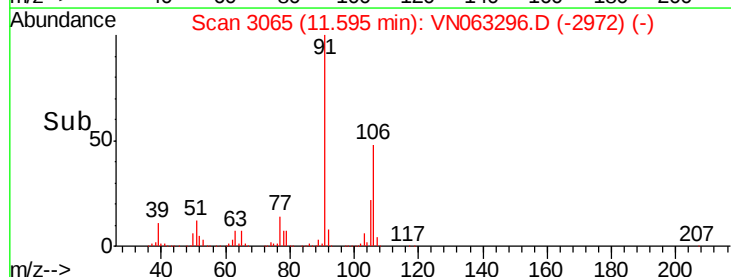
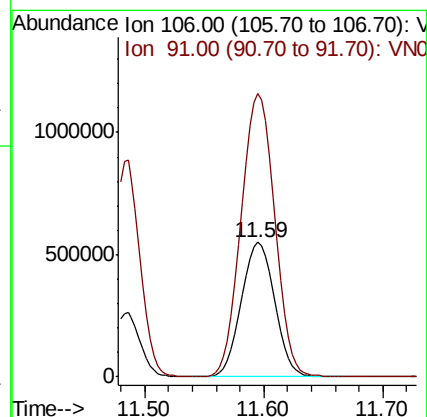
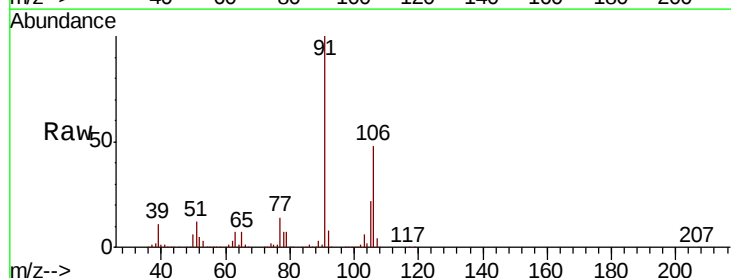
Acq: 10 Sep 2020 15:36

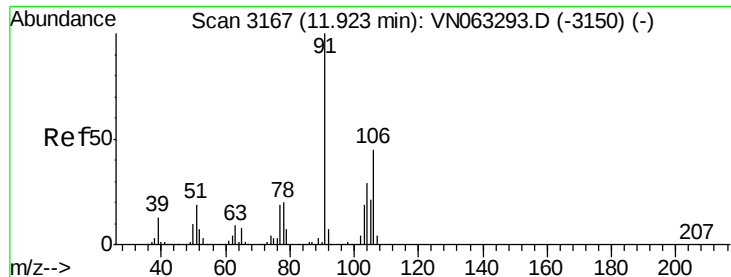
Tgt Ion: 106 Resp: 1070922

Ion Ratio Lower Upper

106 100

91 212.5 169.8 254.8

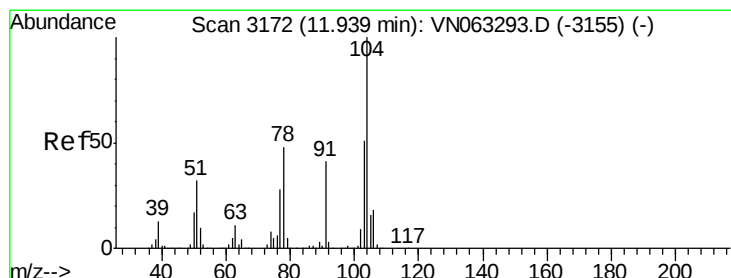
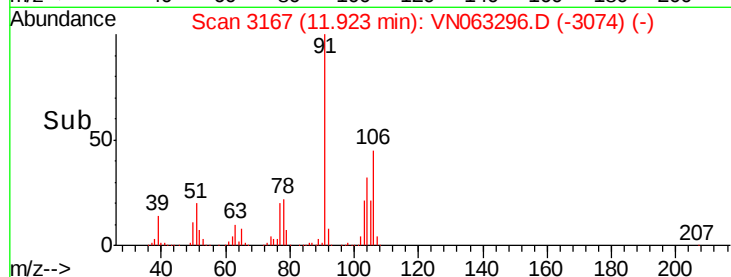
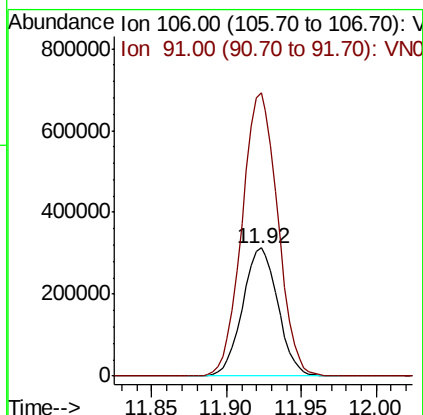
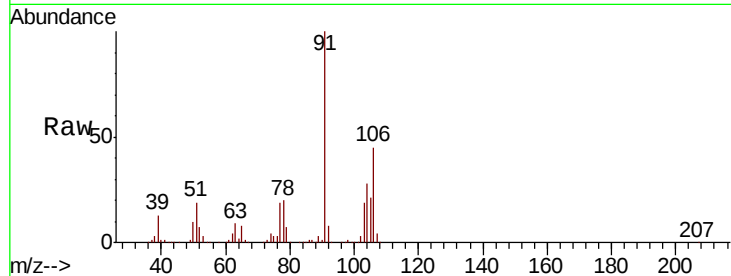




#69
o-Xylene
Concen: 50.193 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

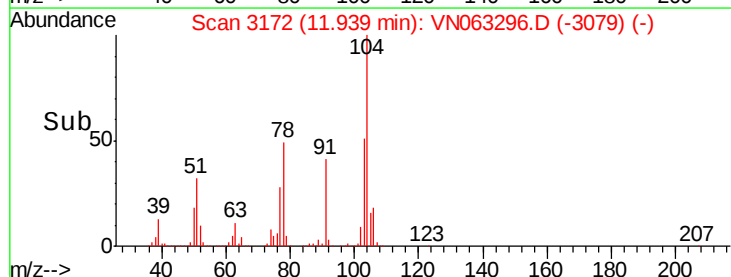
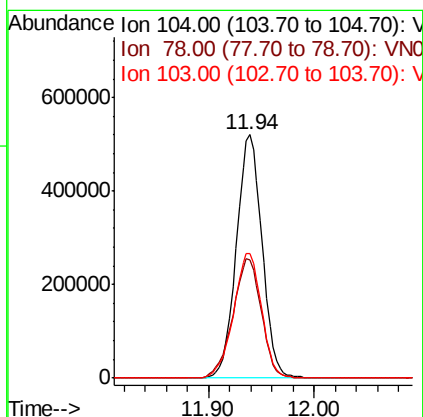
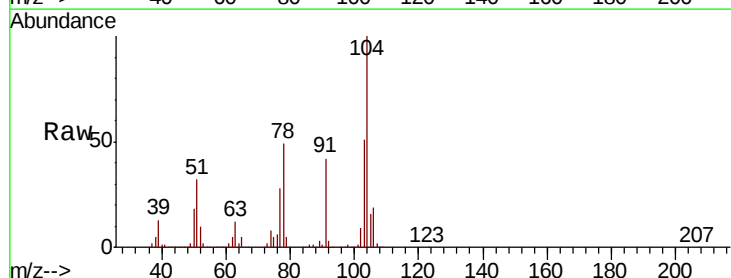
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

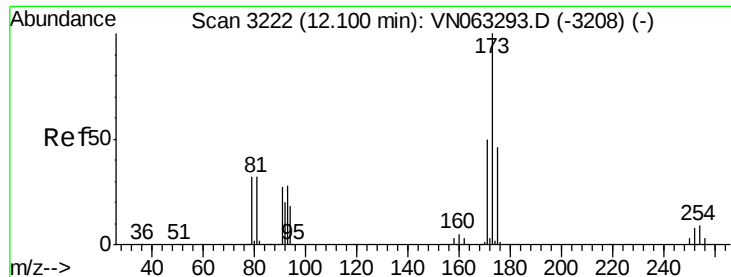
Tot Ion:106 Resp: 514072
Ion Ratio Lower Upper
106 100
91 224.4 111.5 334.4



#70
Styrene
Concen: 51.689 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion:104 Resp: 879860
Ion Ratio Lower Upper
104 100
78 54.2 42.9 64.3
103 55.9 44.2 66.2





#71

Bromoform

Concen: 50.691 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

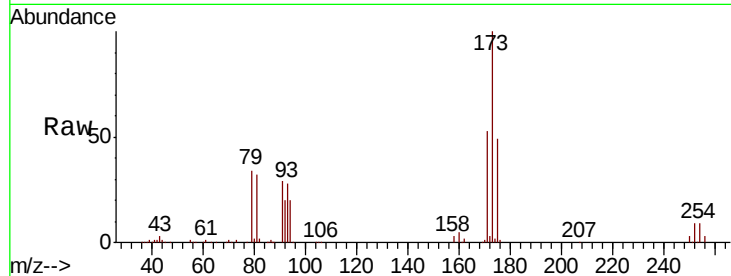
Tot Ion:173 Resp: 205295

Ion Ratio Lower Upper

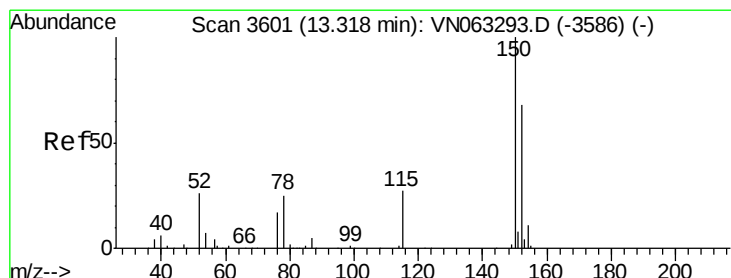
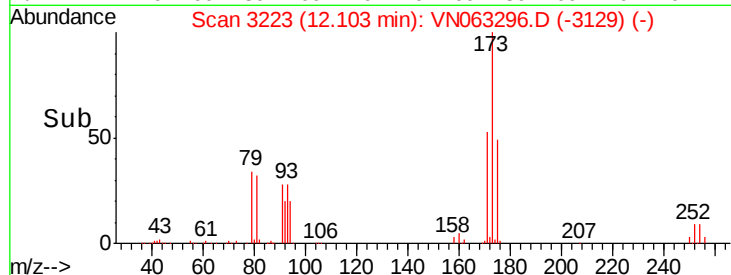
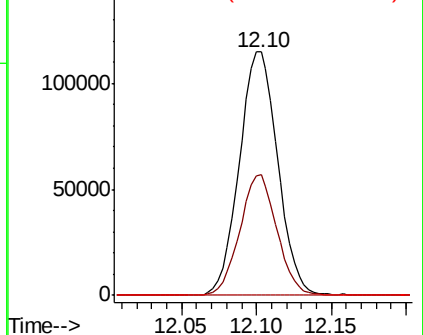
173 100

175 47.8 23.8 71.5

254 0.0 0.0 0.0#



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: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

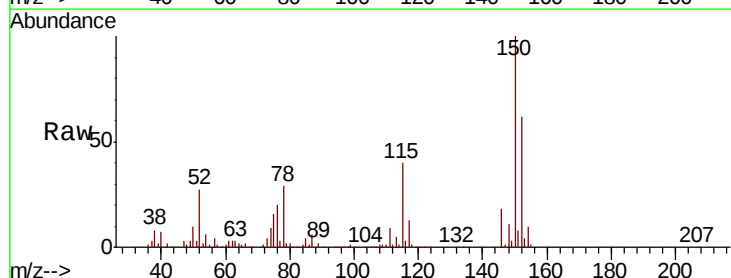
Tgt Ion:152 Resp: 358758

Ion Ratio Lower Upper

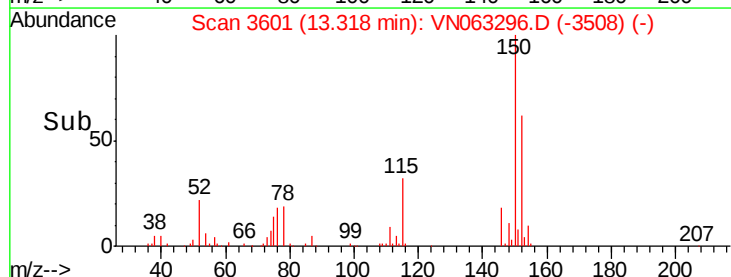
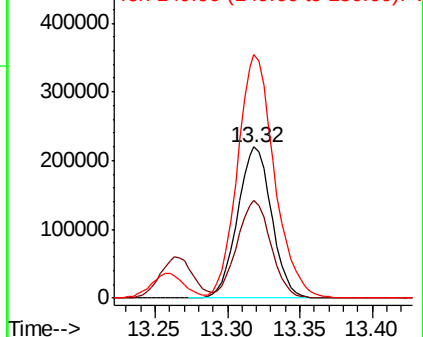
152 100

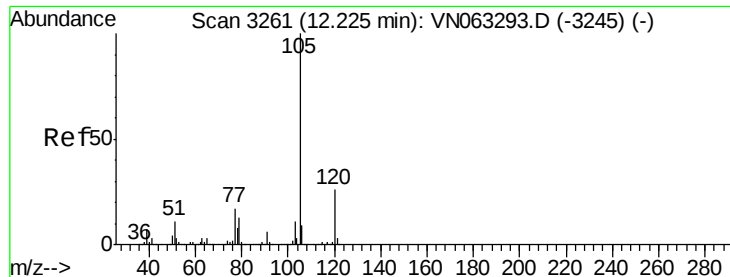
115 64.2 31.5 94.5

150 174.3 0.0 344.0



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: 48.434 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

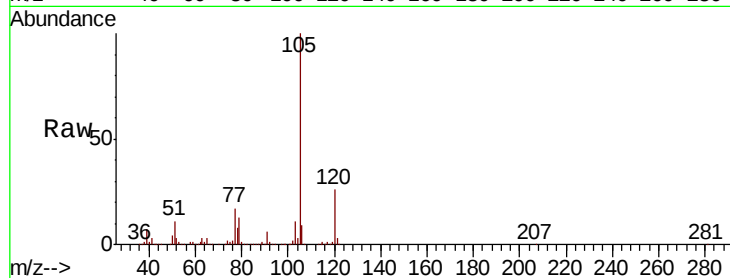
ICVVN091020

Tot Ion:105 Resp: 1401543

Ion Ratio Lower Upper

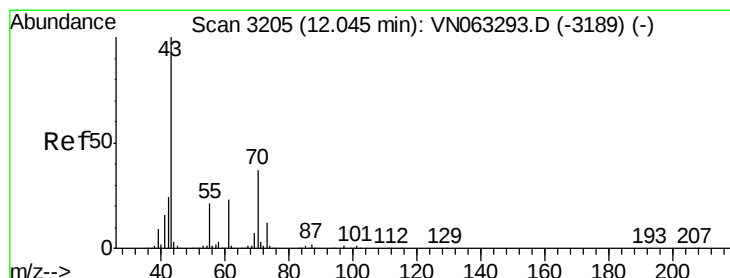
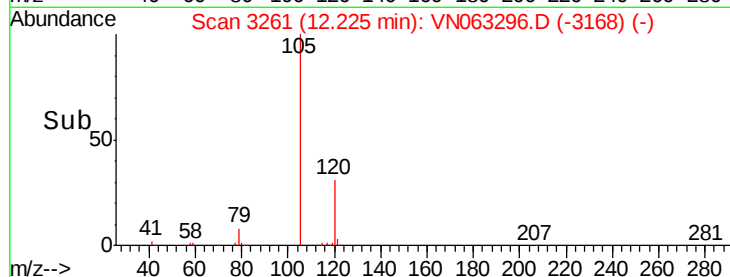
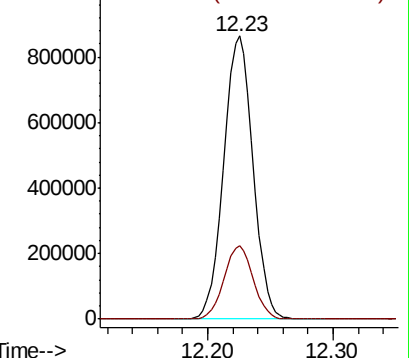
105 100

120 25.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.537 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Tgt Ion: 43 Resp: 624161

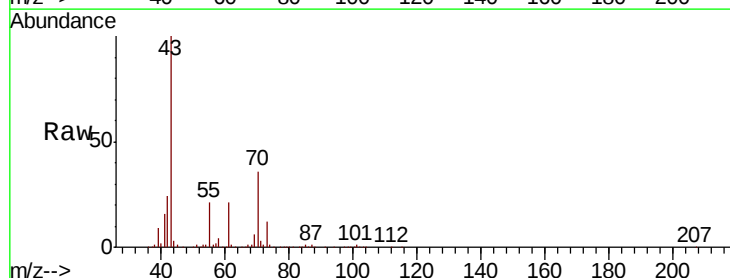
Ion Ratio Lower Upper

43 100

70 36.1 29.3 43.9

55 21.1 17.0 25.6

61 21.6 17.8 26.6

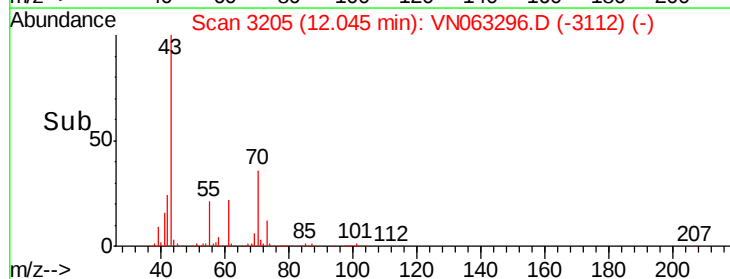
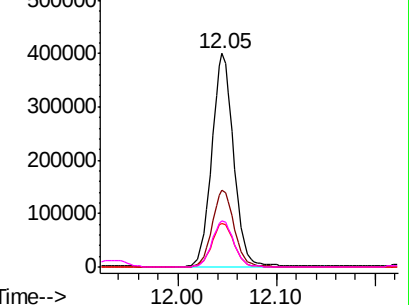


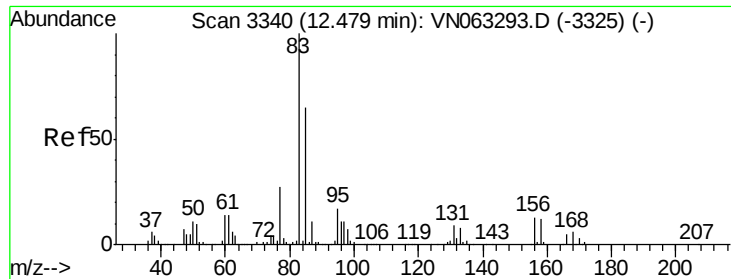
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.350 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

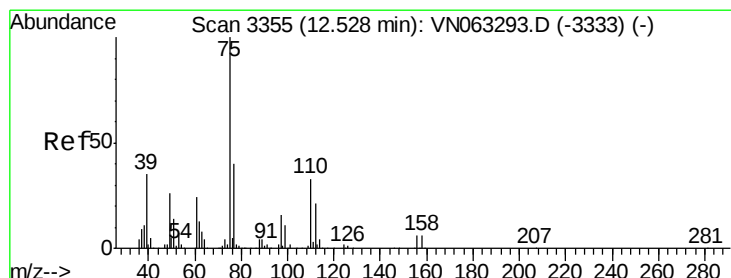
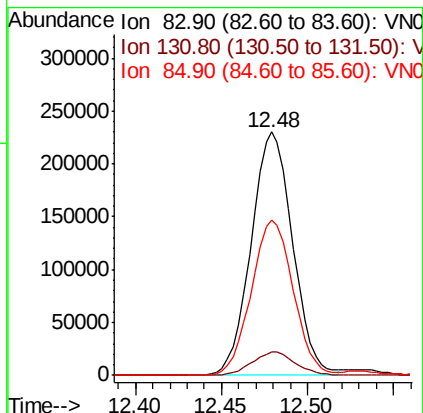
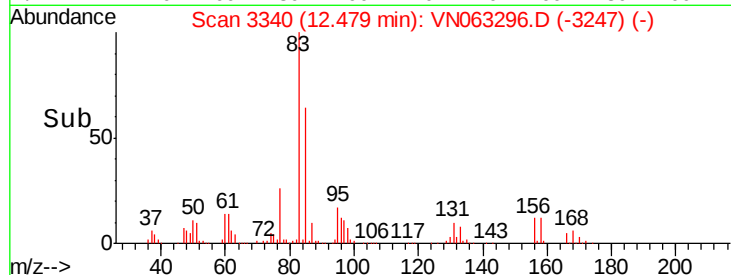
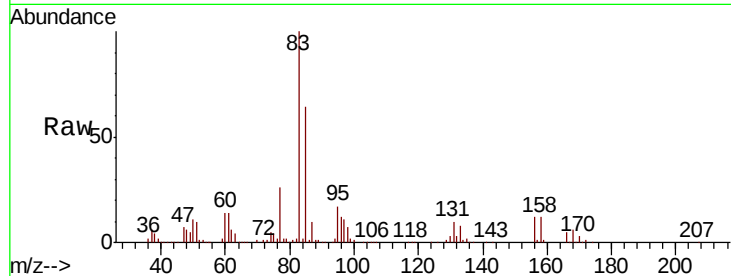
Tot Ion: 83 Resp: 384128

Ion Ratio Lower Upper

83 100

131 10.1 4.7 14.1

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 70.228 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063296.D

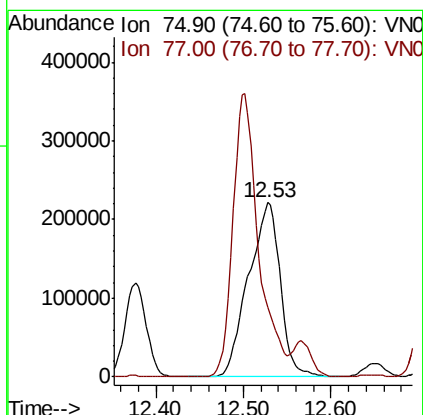
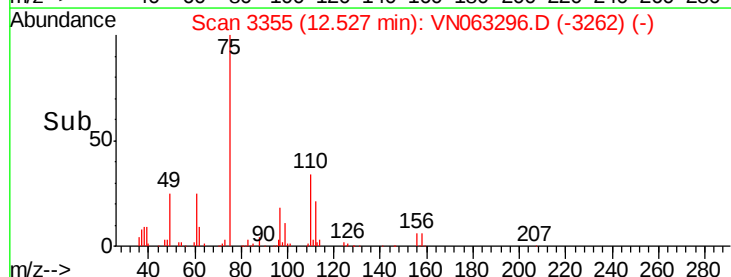
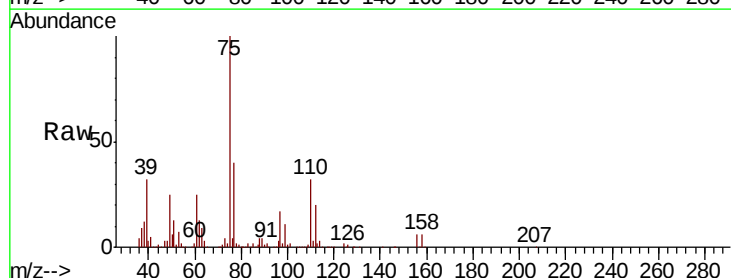
Acq: 10 Sep 2020 15:36

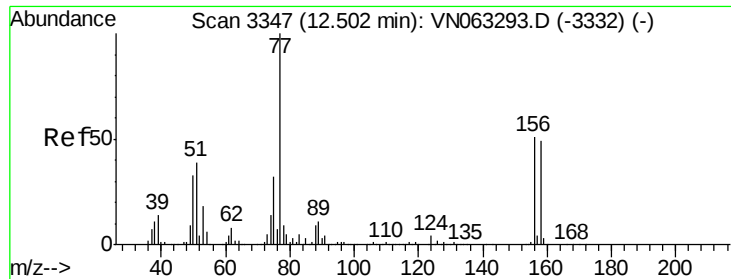
Tgt Ion: 75 Resp: 555839

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

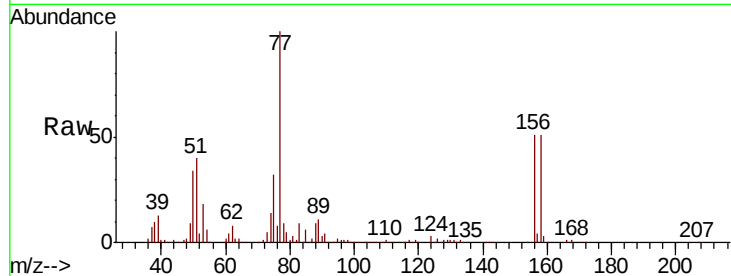




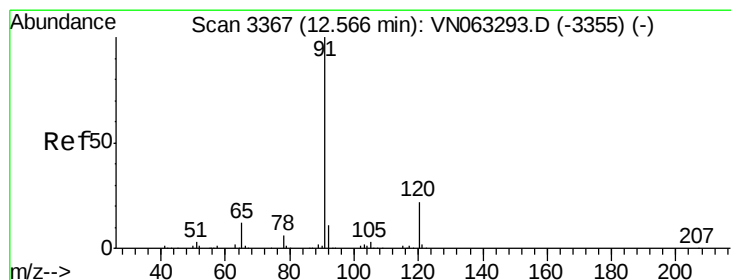
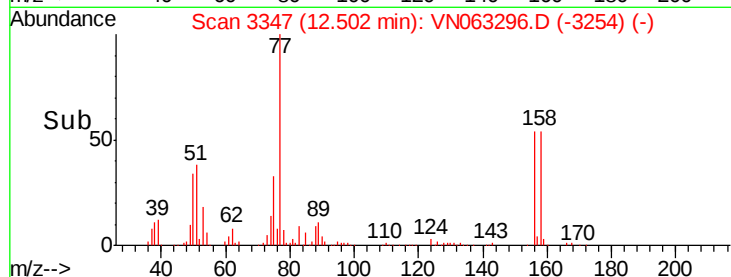
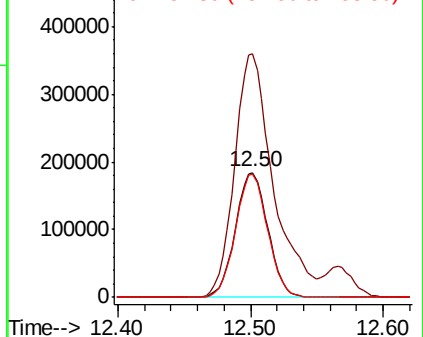
#77
Bromobenzene
Concen: 47.100 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091020

Tot Ion:156 Resp: 313288
Ion Ratio Lower Upper
156 100
77 233.2 117.4 352.2
158 97.7 48.8 146.4

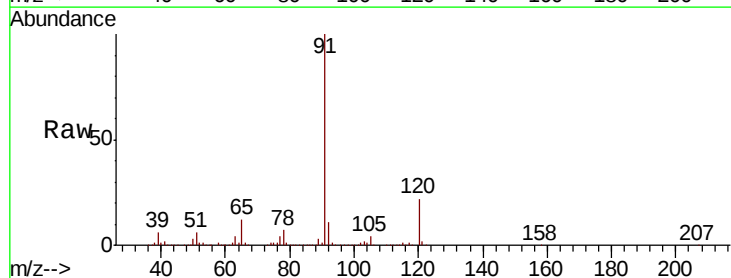


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

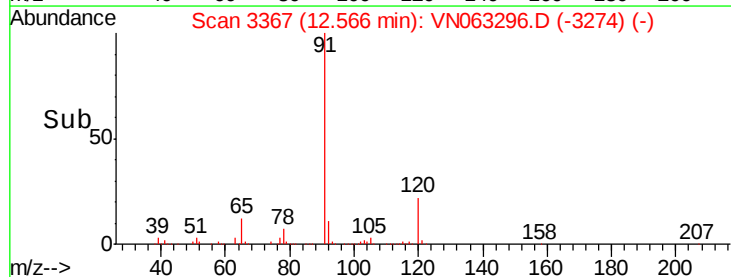
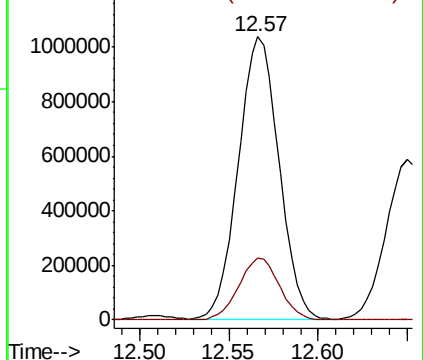


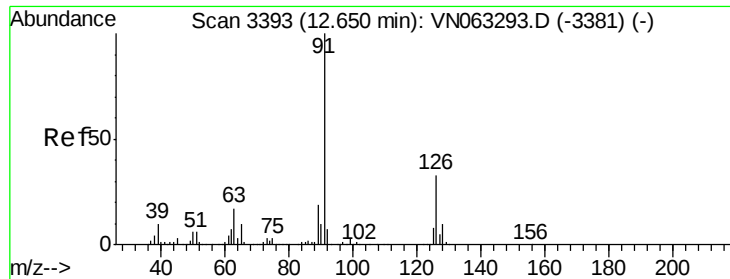
#78
n-propylbenzene
Concen: 50.035 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063296.D
Acq: 10 Sep 2020 15:36

Tgt Ion: 91 Resp: 1644820
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.212 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

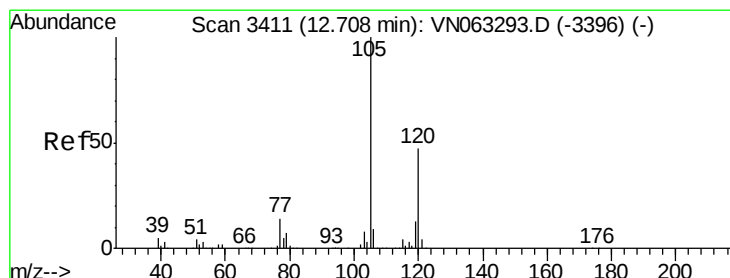
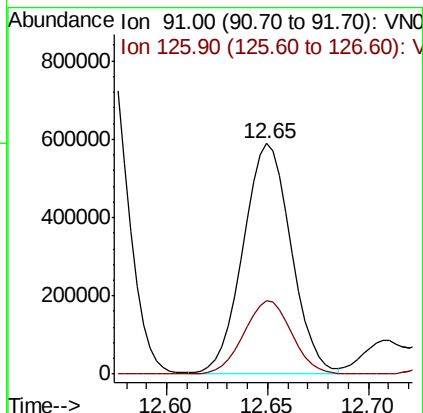
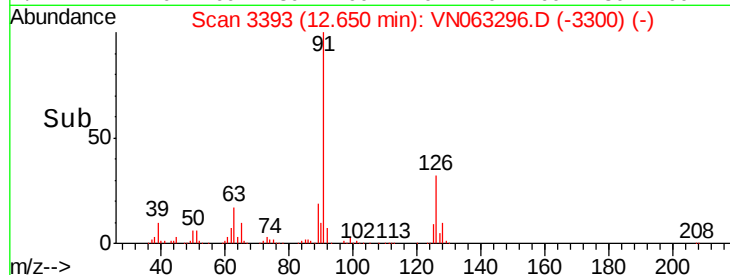
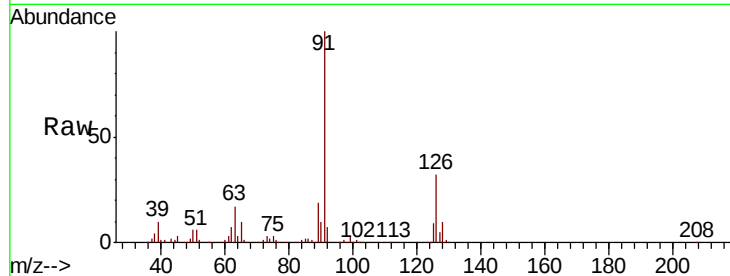
ICVVN091020

Tot Ion: 91 Resp: 974491

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 49.644 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063296.D

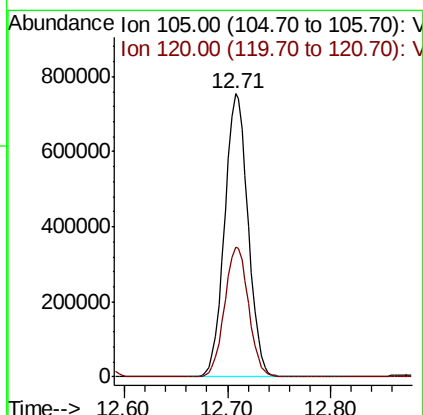
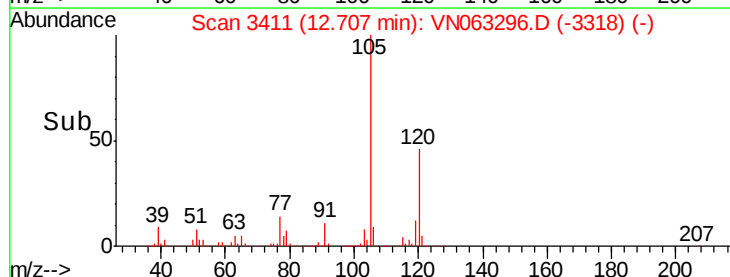
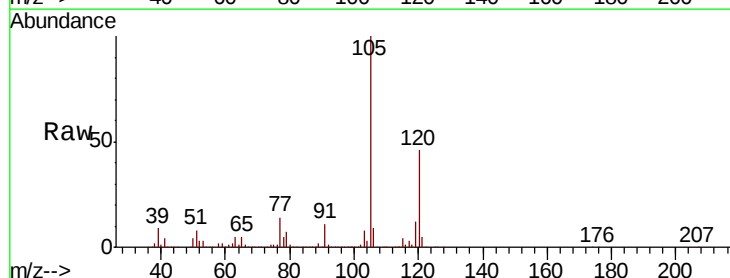
Acq: 10 Sep 2020 15:36

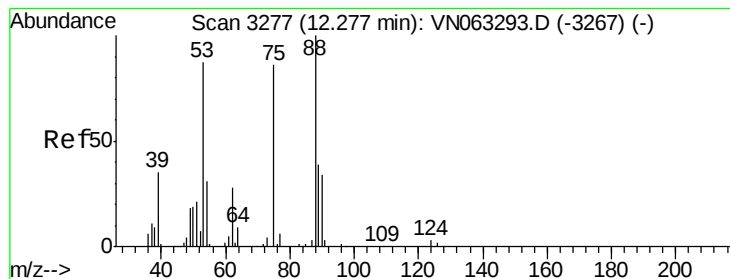
Tgt Ion: 105 Resp: 1192841

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.534 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

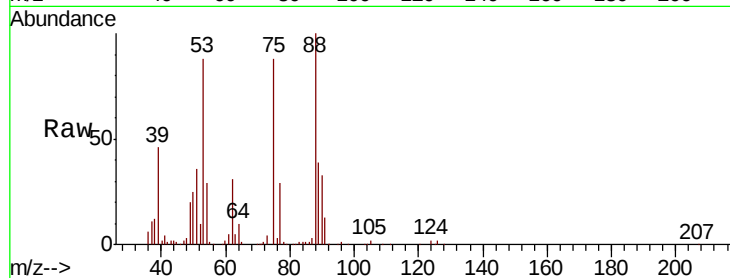
Tot Ion: 75 Resp: 142970

Ion Ratio Lower Upper

75 100

53 101.4 81.8 122.8

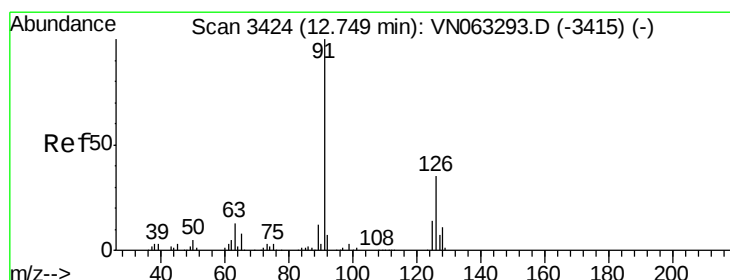
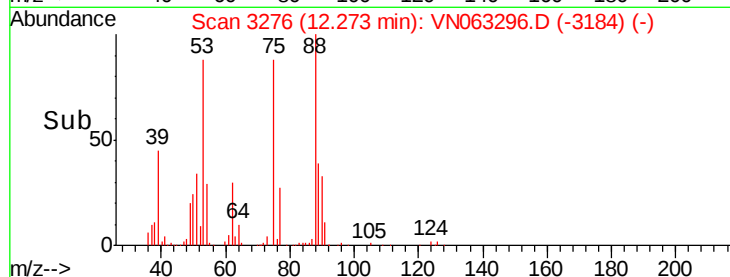
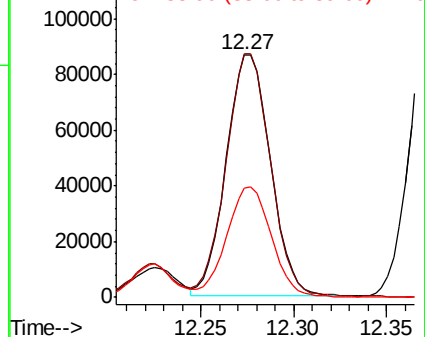
89 46.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN063296.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN063296.D (-3267) (-)

Ion 88.90 (88.60 to 89.60): VN063296.D (-3267) (-)



#82

4-Chlorotoluene

Concen: 48.921 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063296.D

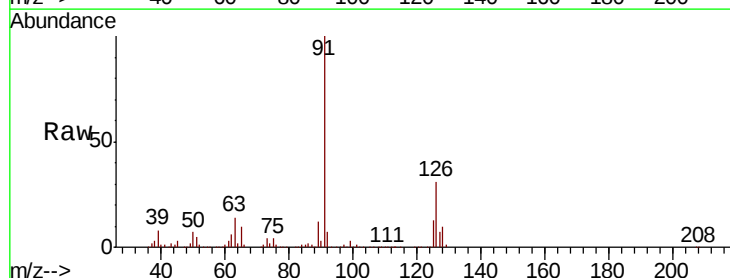
Acq: 10 Sep 2020 15:36

Tgt Ion: 91 Resp: 1036548

Ion Ratio Lower Upper

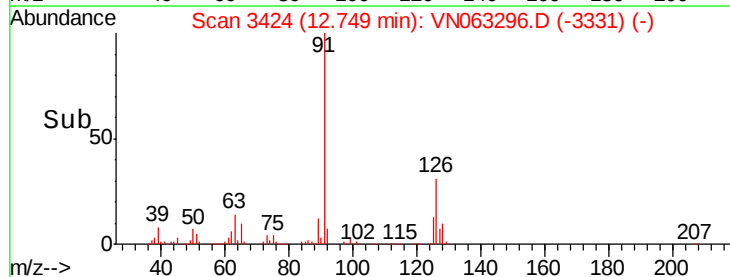
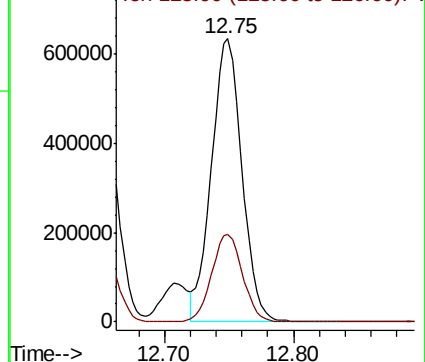
91 100

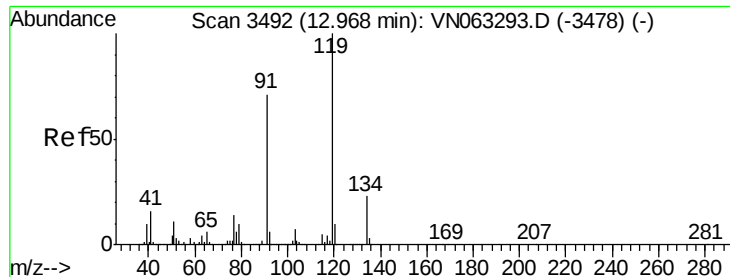
126 31.3 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063296.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063296.D (-3415) (-)





#83

tert-Butylbenzene

Concen: 47.936 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

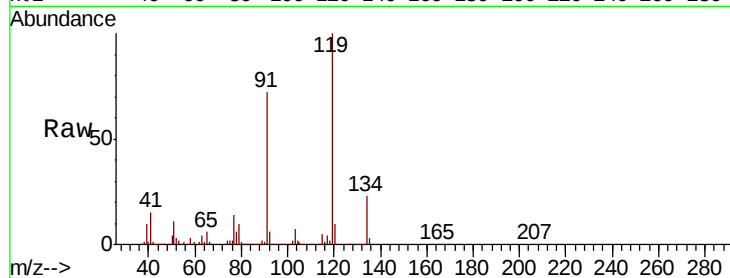
Tot Ion:119 Resp: 976850

Ion Ratio Lower Upper

119 100

91 70.5 34.8 104.3

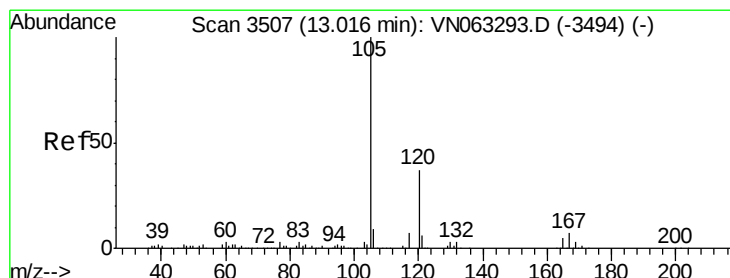
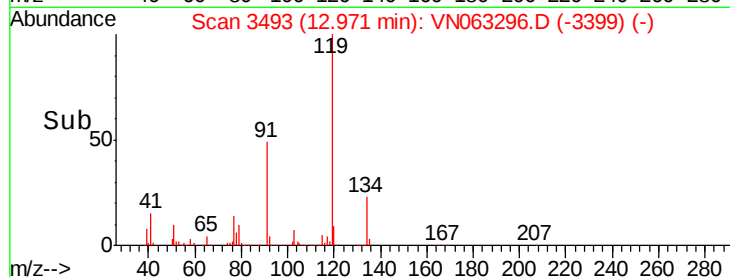
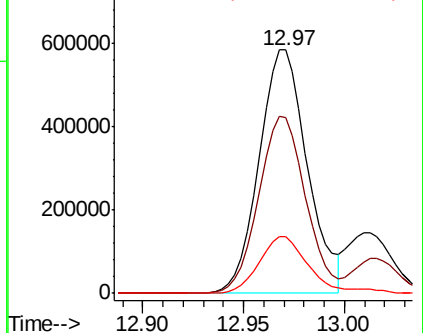
134 24.2 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.557 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.00 min

Lab File: VN063296.D

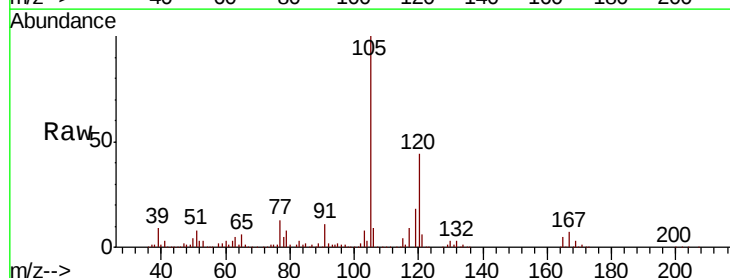
Acq: 10 Sep 2020 15:36

Tgt Ion:105 Resp: 1200237

Ion Ratio Lower Upper

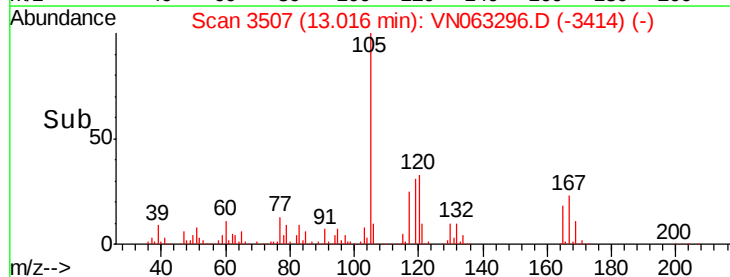
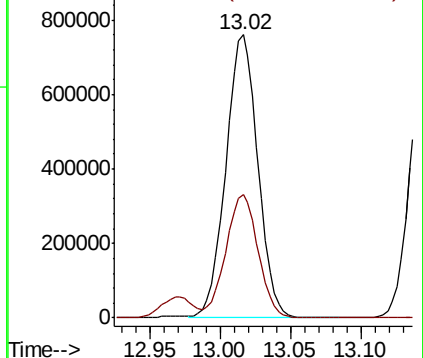
105 100

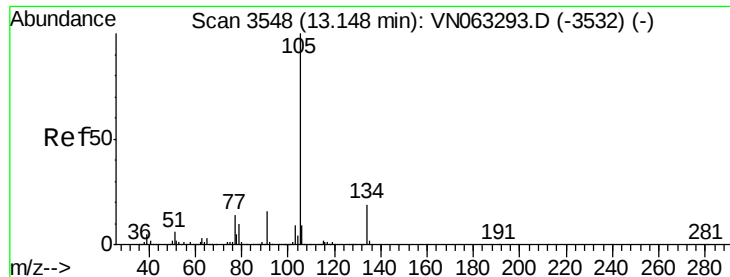
120 44.0 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.480 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

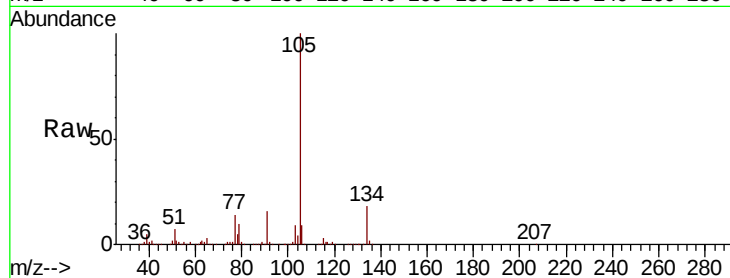
ICV091020

Tot Ion:105 Resp: 1308747

Ion Ratio Lower Upper

105 100

134 18.6 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

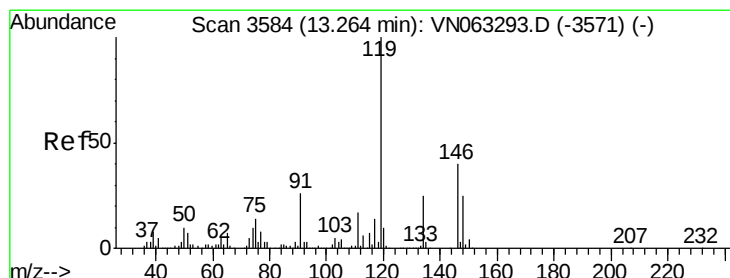
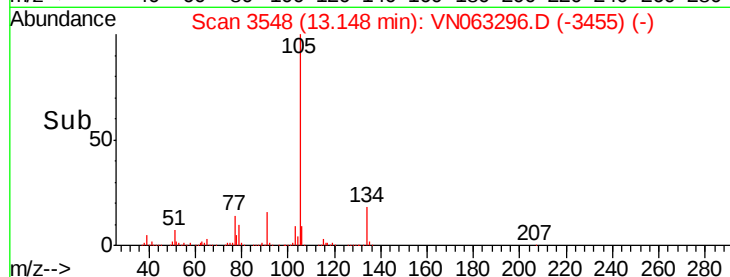
400000

200000

0

13.05 13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 50.594 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

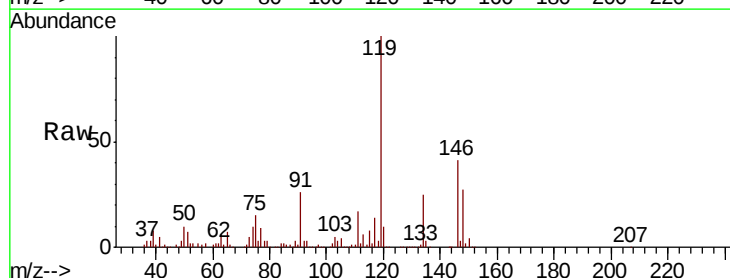
Tgt Ion:119 Resp: 1202532

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

91 25.5 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

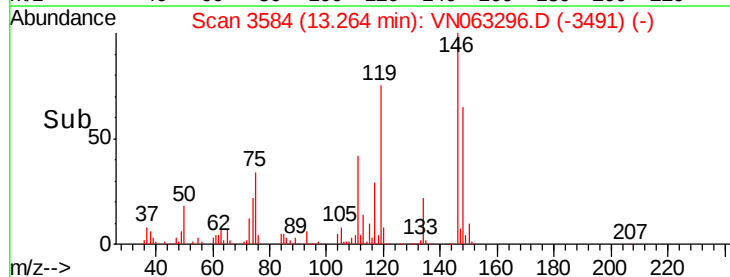
400000

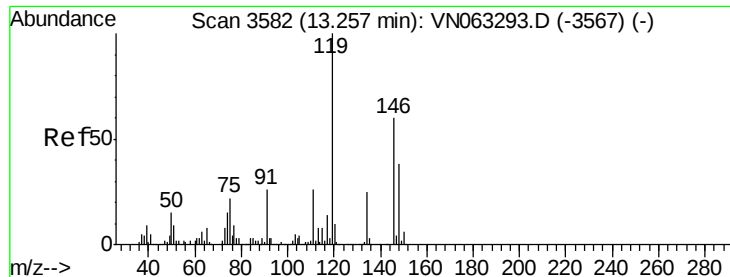
200000

0

13.20 13.25 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.327 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

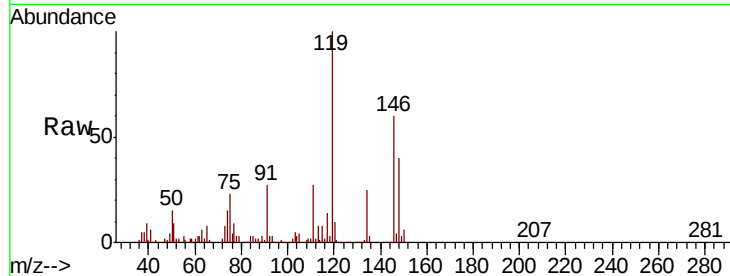
Tot Ion:146 Resp: 587670

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.4

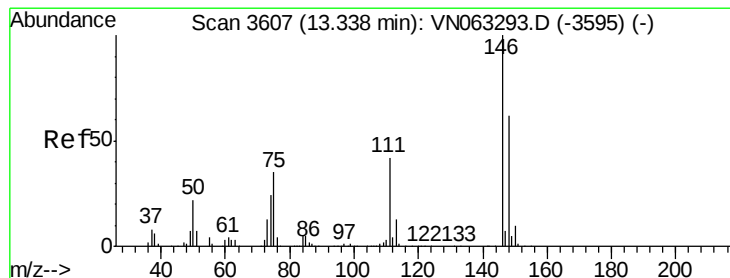
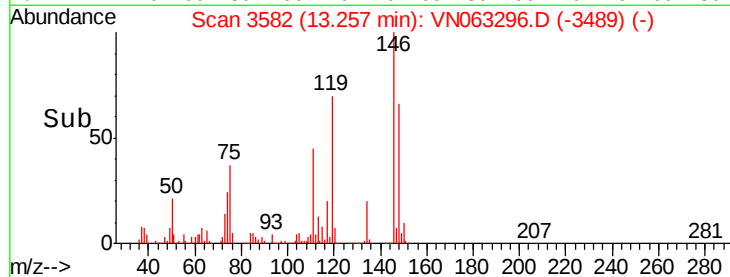
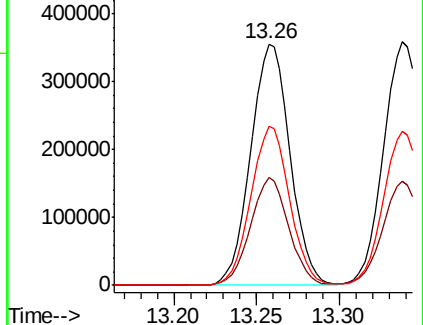
148 64.9 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 51.309 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

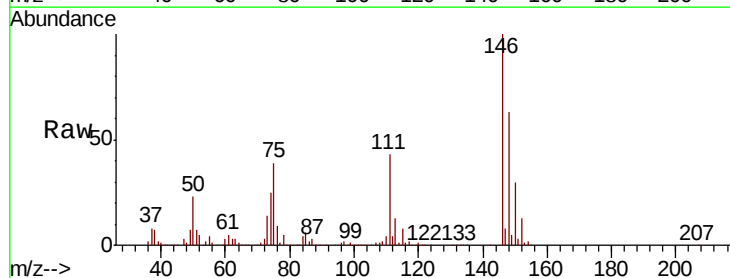
Tgt Ion:146 Resp: 596323

Ion Ratio Lower Upper

146 100

111 42.8 21.3 64.0

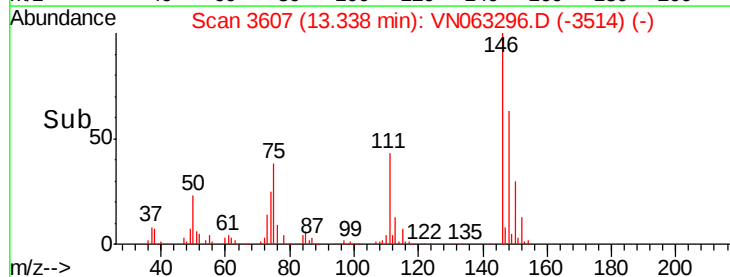
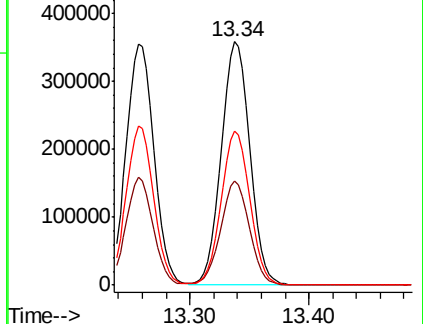
148 63.2 31.5 94.5

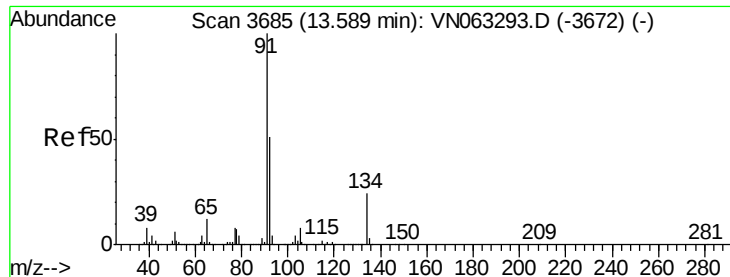


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.784 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

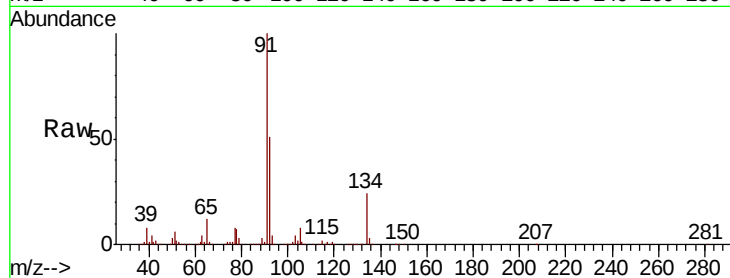
Tot Ion: 91 Resp: 1111074

Ion Ratio Lower Upper

91 100

92 51.3 25.8 77.3

134 23.7 12.0 36.0

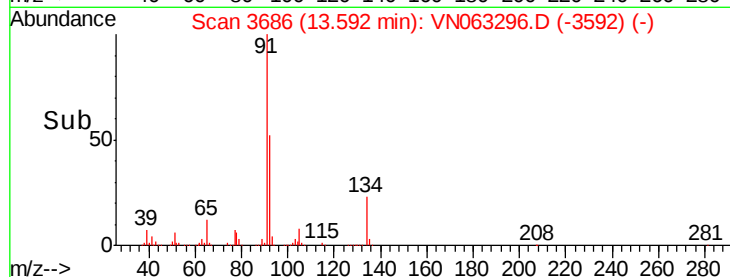


Abundance Ion 91.00 (90.70 to 91.70): VN063296.D (-3672) (-)

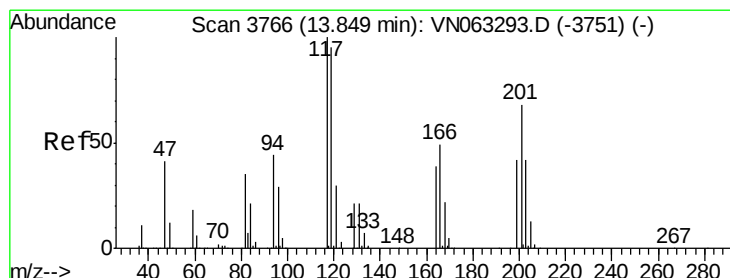
Ion 92.00 (91.70 to 92.70): VN063296.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063296.D (-3672) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 52.601 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063296.D

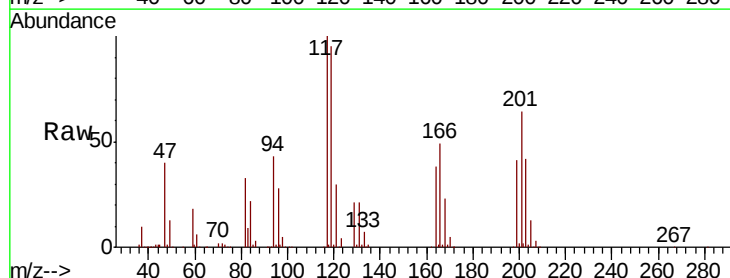
Acq: 10 Sep 2020 15:36

Tgt Ion: 117 Resp: 205649

Ion Ratio Lower Upper

117 100

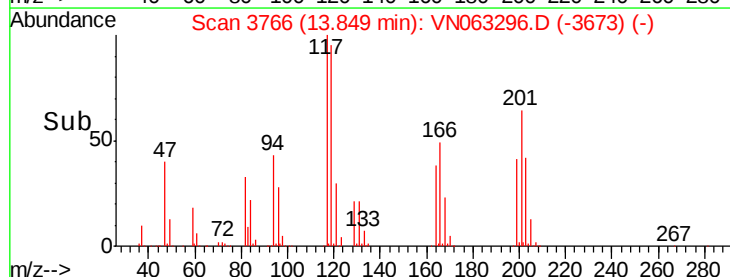
201 65.3 33.5 100.4



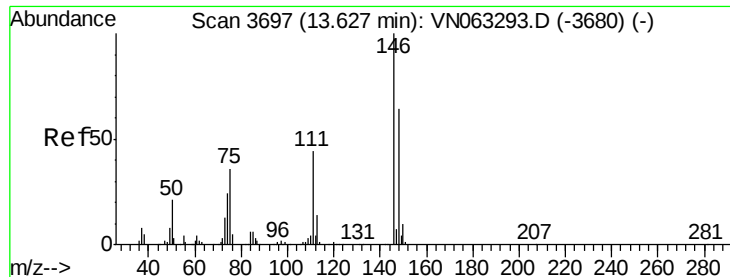
Abundance Ion 116.80 (116.50 to 117.50): VN063296.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063296.D (-3673) (-)

Time-->



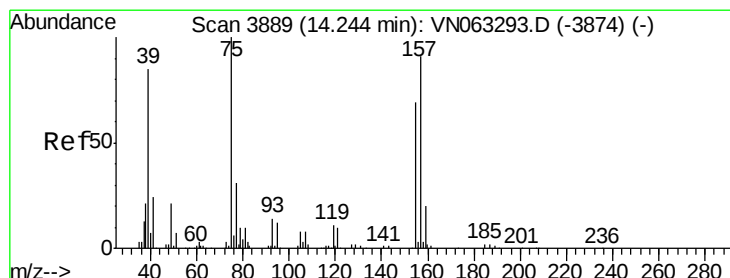
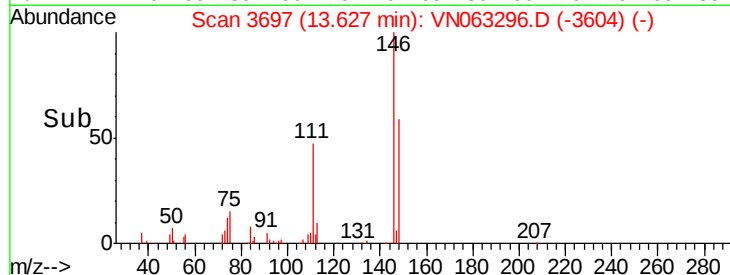
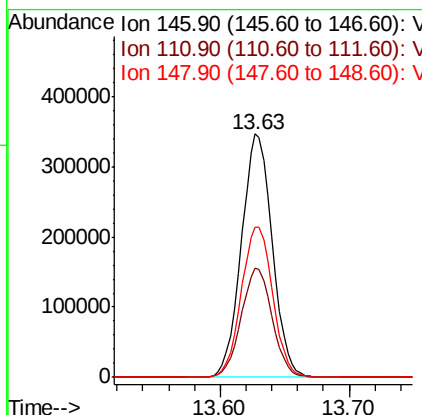
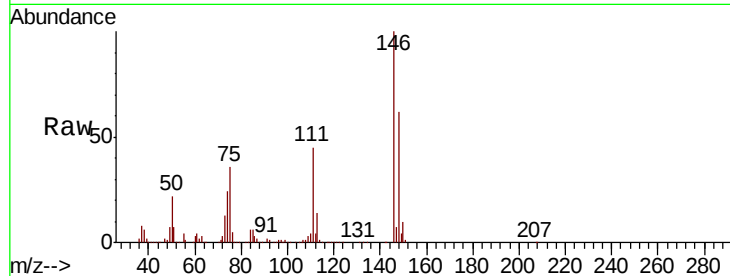
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 48.120 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

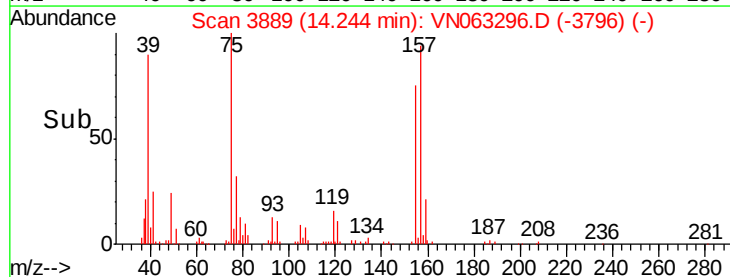
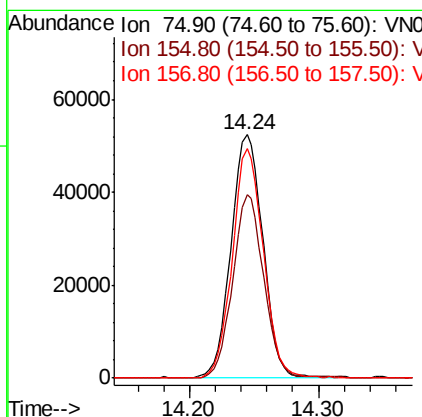
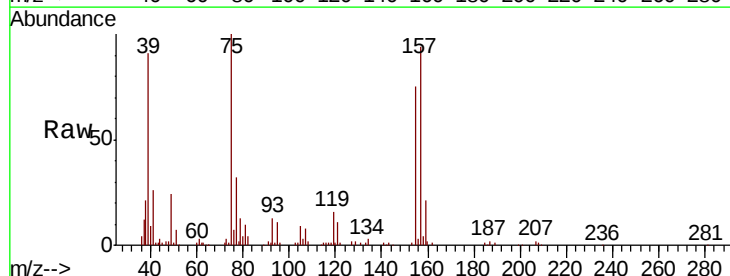
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091020

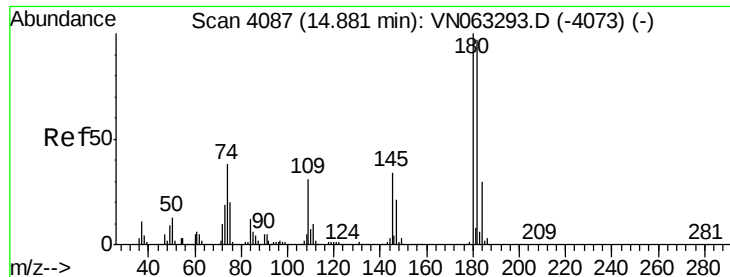
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.1	66.5
148	63.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.881 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	35.3	105.7
157	91.5	46.7	140.0

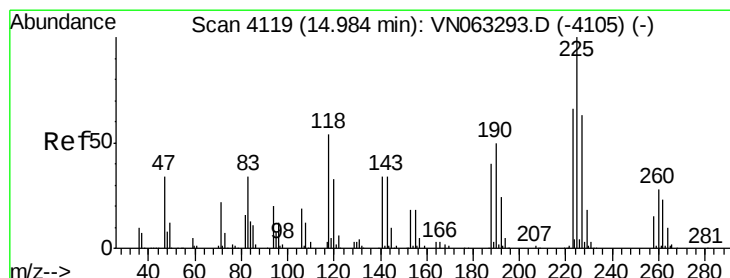
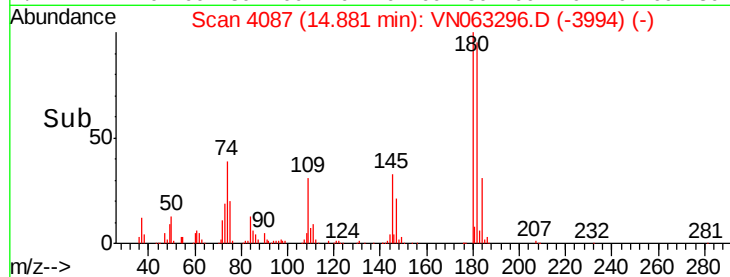
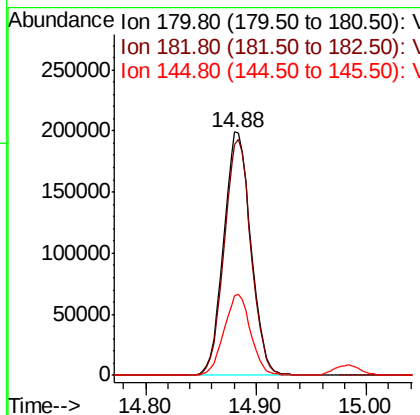
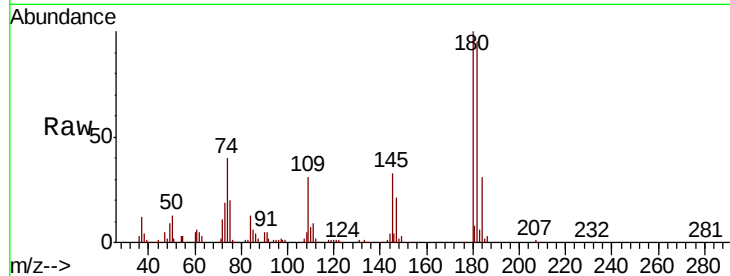




#93
 1,2,4-Trichlorobenzene
 Concen: 48.468 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

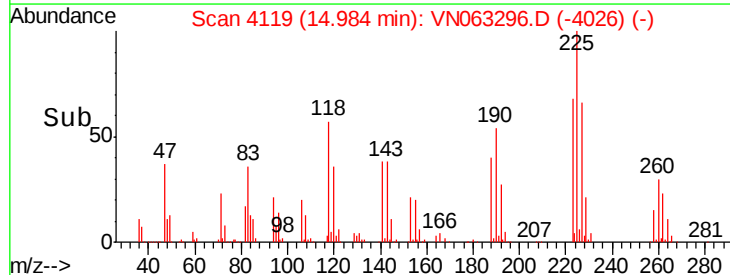
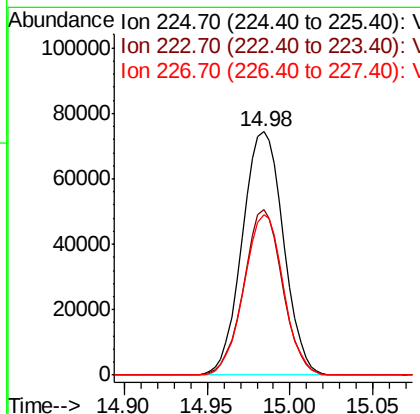
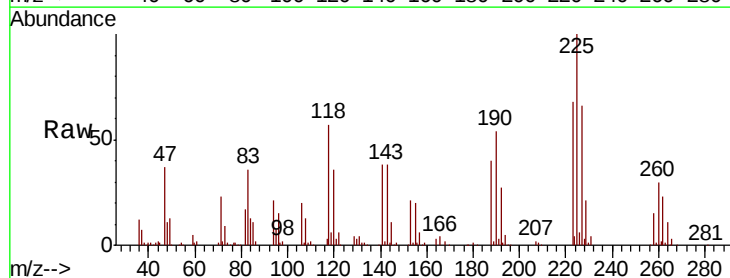
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091020

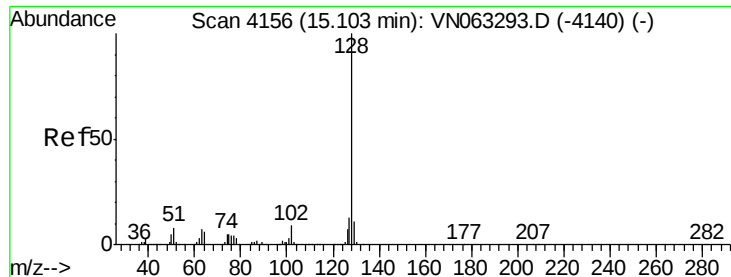
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	32.6	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 50.913 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063296.D
 Acq: 10 Sep 2020 15:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.9
227	63.1	31.2	93.6





#95

Naphthalene

Concen: 49.590 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091020

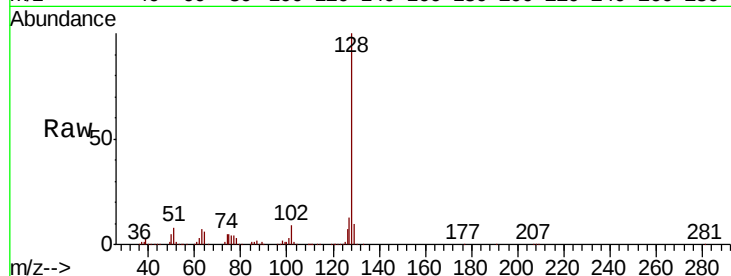
Tot Ion:128 Resp: 1048735

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

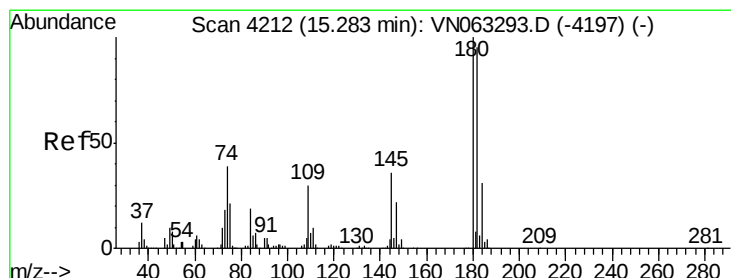
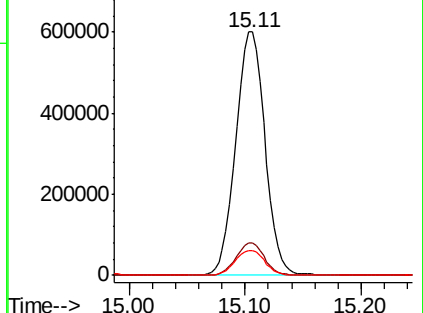
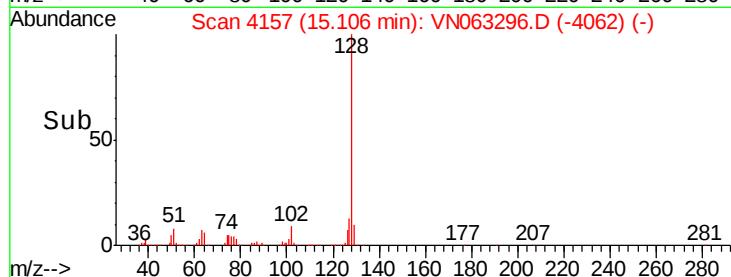
129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.287 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063296.D

Acq: 10 Sep 2020 15:36

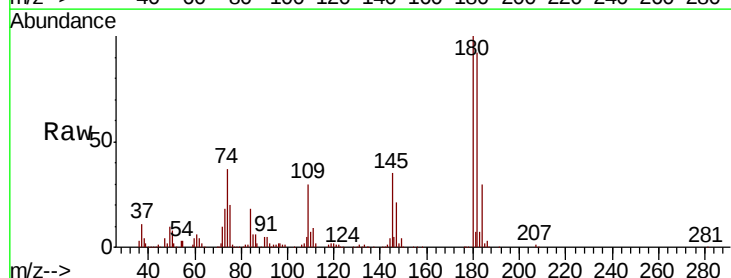
Tgt Ion:180 Resp: 317442

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.3

145 34.8 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

