

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063293.D
 Acq On : 10 Sep 2020 13:56
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 10 14:29:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	463546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	839175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	753436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	352128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	363214	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.55	113	270522	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.06	98	1038298	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.38	95	382249	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	216815	47.969	ug/l	100
3) Chloromethane	2.04	50	307528	46.749	ug/l	100
4) Vinyl Chloride	2.17	62	316971	44.457	ug/l	100
5) Bromomethane	2.53	94	214242	37.249	ug/l	100
6) Chloroethane	2.68	64	203503	37.332	ug/l	100
7) Trichlorofluoromethane	2.99	101	480783	44.666	ug/l	100
8) Diethyl Ether	3.38	74	169962	48.732	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	251838	50.716	ug/l	100
10) Methyl Iodide	3.91	142	347264	51.621	ug/l	100
11) Tert butyl alcohol	4.73	59	245105	266.839	ug/l	100
12) 1,1-Dichloroethene	3.70	96	248200	49.415	ug/l	100
13) Acrolein	3.57	56	117673	344.140	ug/l	100
14) Allyl chloride	4.28	41	508473	56.175	ug/l	100
15) Acrylonitrile	4.93	53	669842	281.957	ug/l	100
16) Acetone	3.77	43	599235	276.498	ug/l	100
17) Carbon Disulfide	4.01	76	735394	49.098	ug/l	100
18) Methyl Acetate	4.28	43	306898	55.545	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	908634	49.066	ug/l	100
20) Methylene Chloride	4.51	84	291550	45.299	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	275339	49.905	ug/l	100
22) Diisopropyl ether	5.90	45	1037873	51.722	ug/l	100
23) Vinyl Acetate	5.84	43	4342202	271.998	ug/l	100
24) 1,1-Dichloroethane	5.80	63	550941	50.027	ug/l	100
25) 2-Butanone	6.78	43	943062	283.081	ug/l	100
26) 2,2-Dichloropropane	6.78	77	479633	47.984	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	322795	48.133	ug/l	100
28) Bromochloromethane	7.15	49	258522	45.850	ug/l	100
29) Tetrahydrofuran	7.17	42	626929	273.316	ug/l	100
30) Chloroform	7.33	83	559484	48.744	ug/l	100
31) Cyclohexane	7.61	56	496385	47.958	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	485498	49.234	ug/l	100
36) 1,1-Dichloropropene	7.75	75	423487	52.458	ug/l	100
37) Ethyl Acetate	6.88	43	413411	59.790	ug/l	100
38) Carbon Tetrachloride	7.74	117	423347	51.872	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	462001	51.208	ug/l	100
40) Benzene	8.00	78	1219805	51.773	ug/l	100
41) Methacrylonitrile	7.16	41	591836	169.722	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	466797	52.807	ug/l	100
43) Isopropyl Acetate	8.13	43	720880	54.820	ug/l	100
44) Trichloroethene	8.80	130	320530	55.260	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335436	53.311	ug/l	100
46) Dibromomethane	9.17	93	213220	51.745	ug/l	100
47) Bromodichloromethane	9.37	83	450984	51.134	ug/l	100
48) Methyl methacrylate	9.17	41	343546	57.699	ug/l	100
49) 1,4-Dioxane	9.17	88	98864	1079.272	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	2060587	288.083	ug/l	100
52) Toluene	10.13	92	745927	51.023	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	503351	52.391	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	543178	53.289	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	292078	52.036	ug/l	100
56) Ethyl methacrylate	10.40	69	462387	54.023	ug/l	100
57) 1,3-Dichloropropane	10.68	76	516823	51.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1138217	258.559	ug/l	100
59) 2-Hexanone	10.72	43	1510393	299.309	ug/l	100
60) Dibromochloromethane	10.87	129	328891	53.021	ug/l	100
61) 1,2-Dibromoethane	10.98	107	302607	52.100	ug/l	100
64) Tetrachloroethene	10.60	164	303453	54.893	ug/l	100
65) Chlorobenzene	11.41	112	793348	52.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	293757	52.527	ug/l	100
67) Ethyl Benzene	11.49	91	1477933	53.513	ug/l	100
68) m/p-Xylenes	11.60	106	1066037	104.566	ug/l	100
69) o-Xylene	11.92	106	518935	52.676	ug/l	100
70) Styrene	11.94	104	883773	52.366	ug/l	100
71) Bromoform	12.10	173	209224	54.784	ug/l #	100
73) Isopropylbenzene	12.23	105	1395919	52.124	ug/l	100
74) N-amyl acetate	12.05	43	628491	56.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	392698	51.025	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	555839	73.804	ug/l #	100
77) Bromobenzene	12.50	156	315547	51.844	ug/l	100
78) n-propylbenzene	12.57	91	1638307	52.869	ug/l	100
79) 2-Chlorotoluene	12.65	91	971857	52.222	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1184184	52.892	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	146190	51.623	ug/l	100
82) 4-Chlorotoluene	12.75	91	1007188	52.237	ug/l	100
83) tert-Butylbenzene	12.97	119	974272	50.983	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1195667	52.989	ug/l	100
85) sec-Butylbenzene	13.15	105	1287122	51.923	ug/l	100
86) p-Isopropyltoluene	13.26	119	1172533	53.147	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	582960	52.269	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	582752	50.647	ug/l	100
89) n-Butylbenzene	13.59	91	1070927	52.469	ug/l	100
90) Hexachloroethane	13.85	117	203016	49.911	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	575346	53.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	93869	54.468	ug/l	100

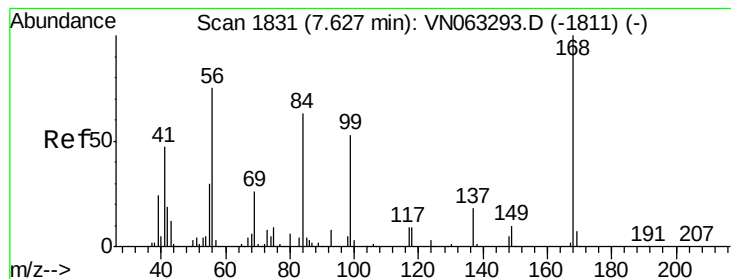
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	336298	54.962	ug/l	100
94) Hexachlorobutadiene	14.98	225	128788	55.690	ug/l	100
95) Naphthalene	15.10	128	1076183	53.750	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	320098	53.704	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

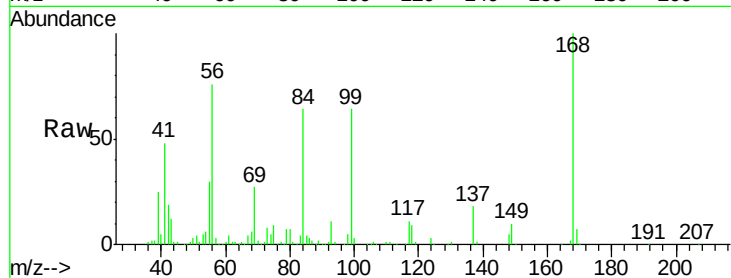
VSTDICCC050

Tgt Ion:168 Resp: 463546

Ion Ratio Lower Upper

168 100

99 63.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

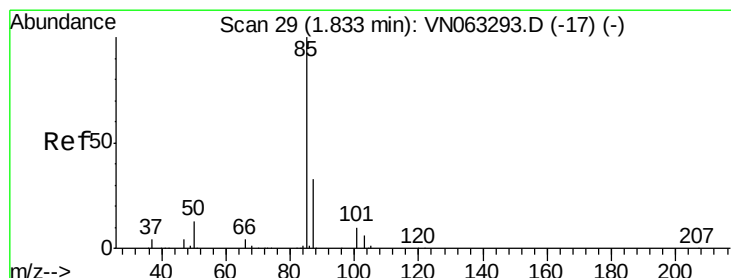
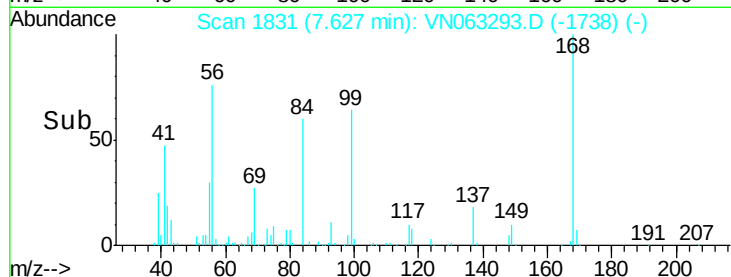
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 47.969 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063293.D

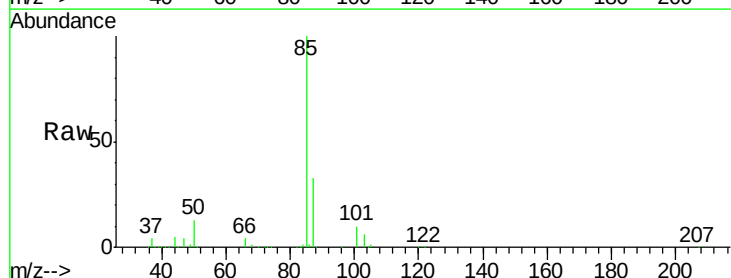
Acq: 10 Sep 2020 13:56

Tgt Ion: 85 Resp: 216815

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

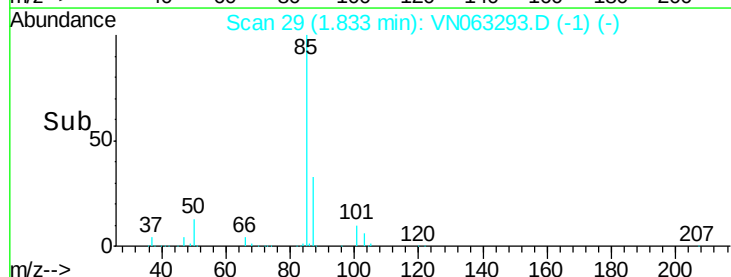
150000

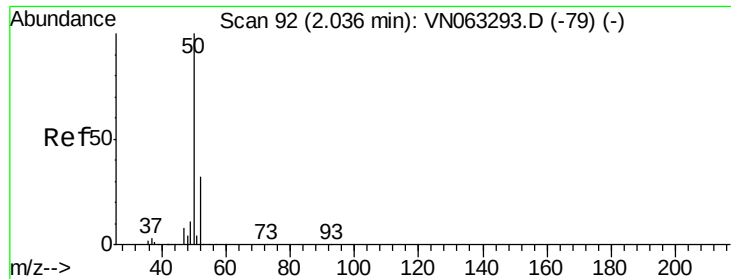
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 46.749 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

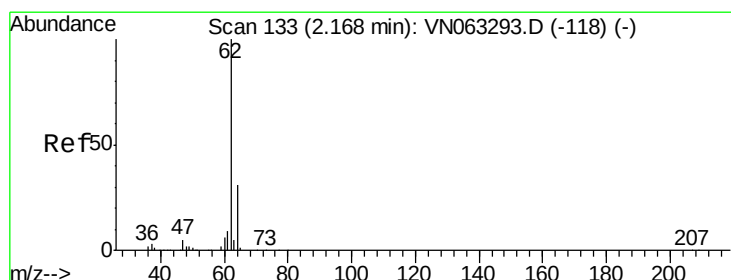
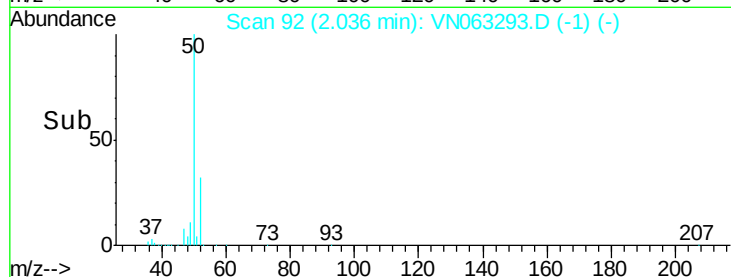
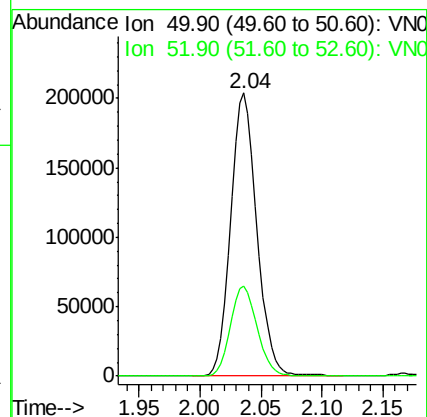
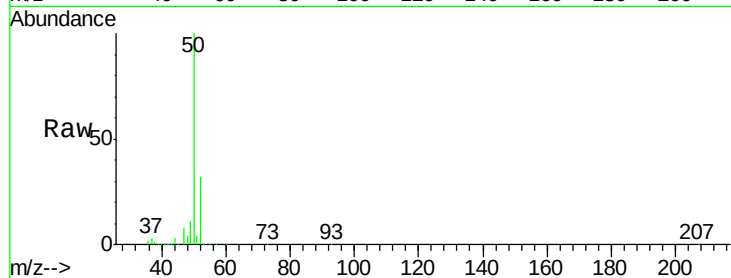
VSTDICCC050

Tgt Ion: 50 Resp: 307528

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



#4

Vinyl Chloride

Concen: 44.457 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063293.D

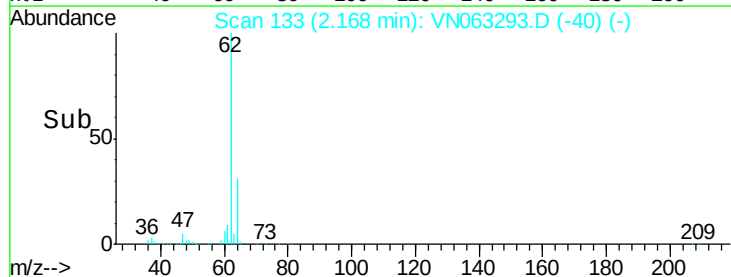
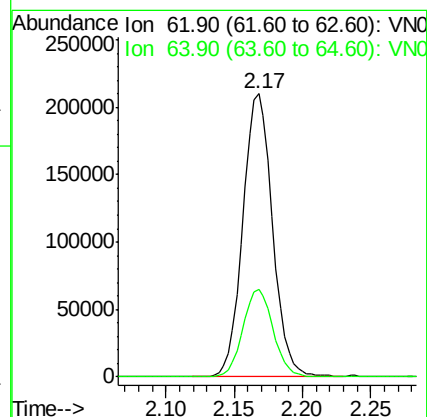
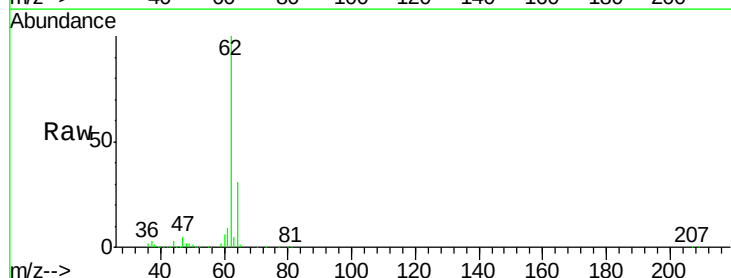
Acq: 10 Sep 2020 13:56

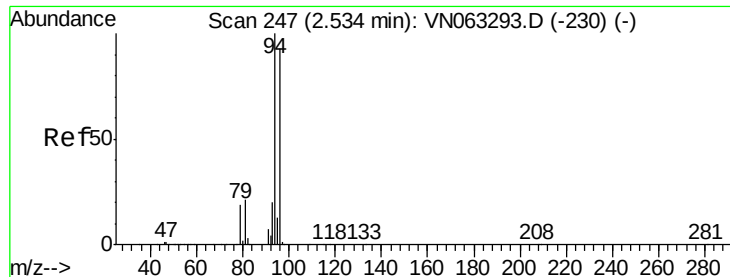
Tgt Ion: 62 Resp: 316971

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 37.249 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

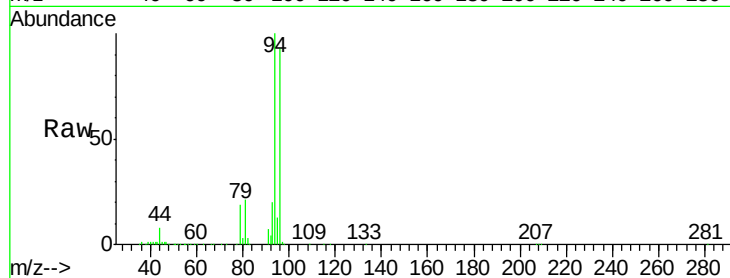
VSTDICCC050

Tgt Ion: 94 Resp: 214242

Ion Ratio Lower Upper

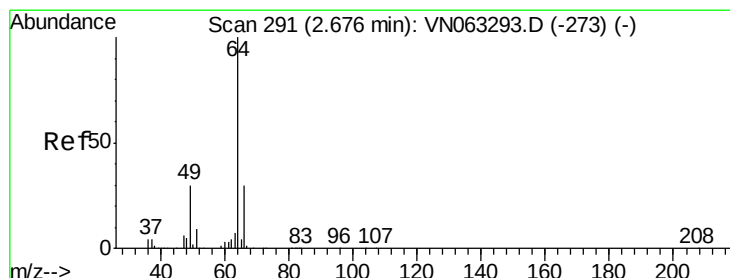
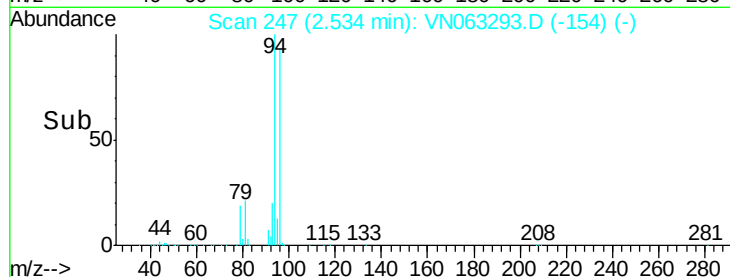
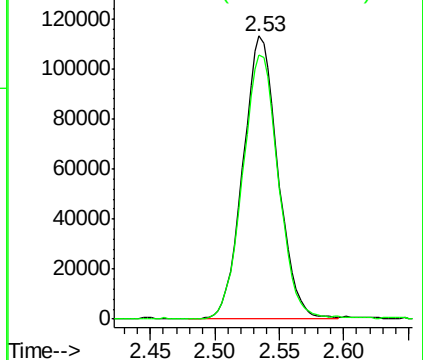
94 100

96 92.9 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 37.332 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063293.D

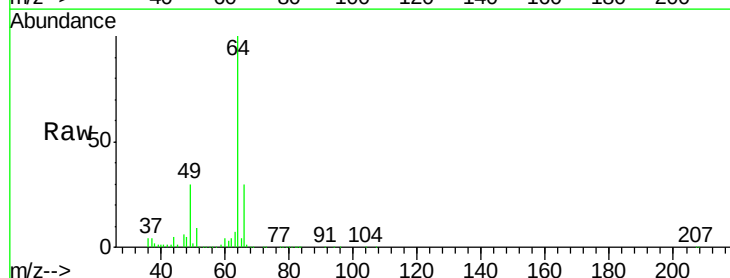
Acq: 10 Sep 2020 13:56

Tgt Ion: 64 Resp: 203503

Ion Ratio Lower Upper

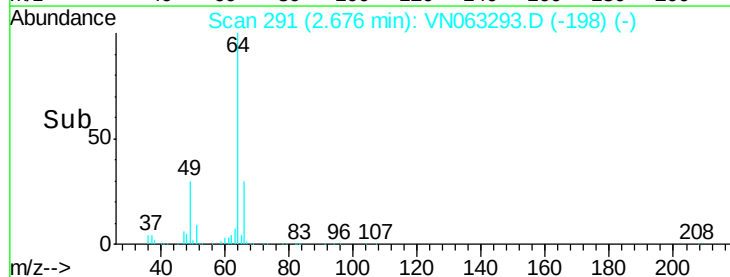
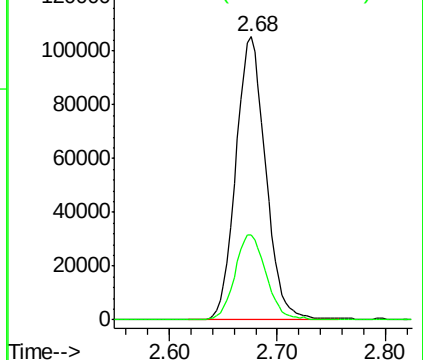
64 100

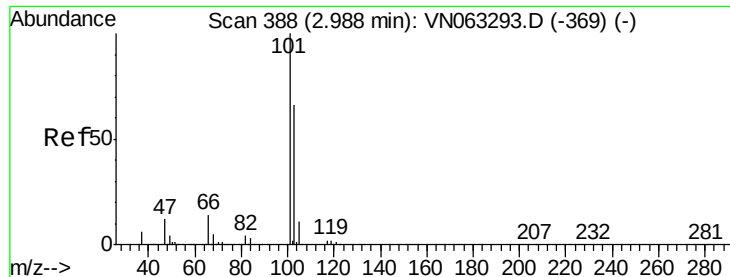
66 29.7 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



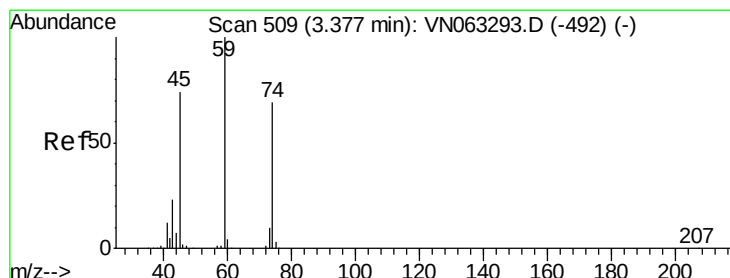
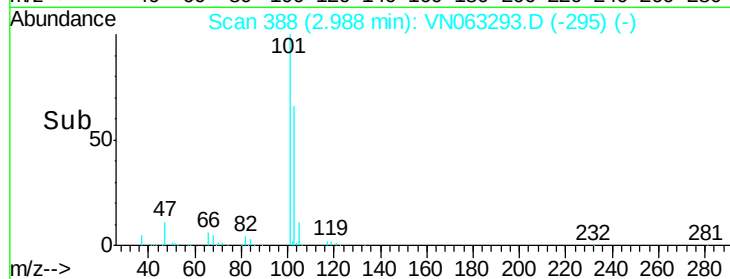
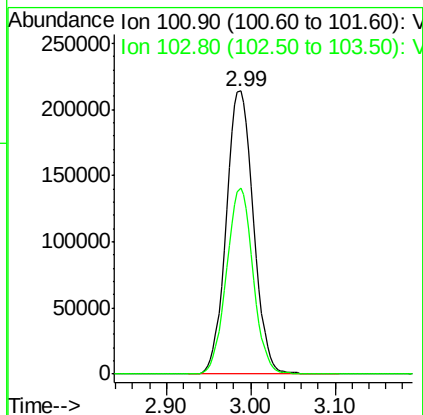
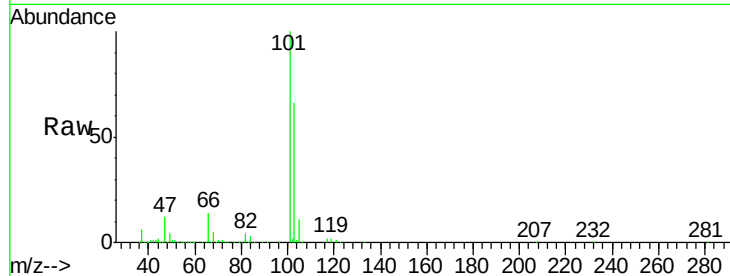


#7

Trichlorofluoromethane
Concen: 44.666 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063293.D
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Instrument :
MSVOA_N
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VSTDICCC050

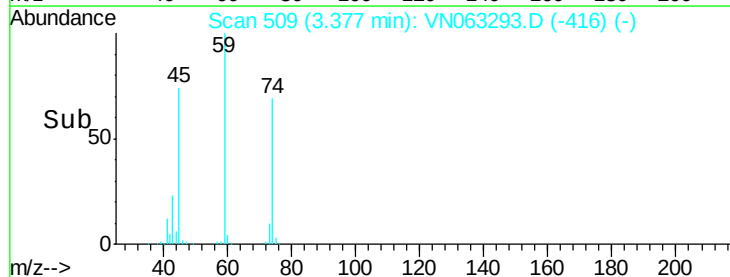
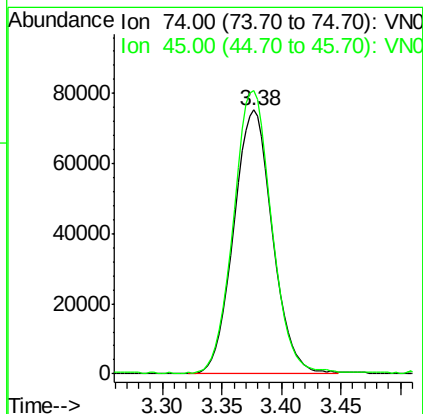
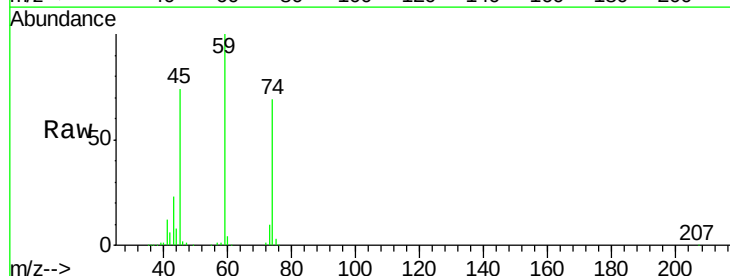
Tgt Ion: 101 Resp: 480783
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

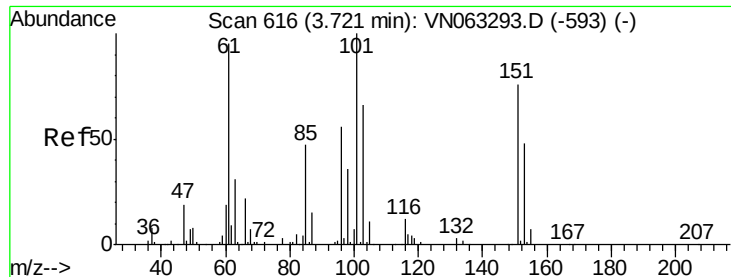


#8

Diethyl Ether
Concen: 48.732 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 74 Resp: 169962
Ion Ratio Lower Upper
74 100
45 105.4 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.716 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

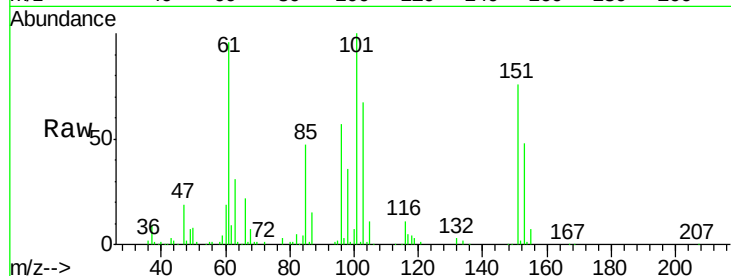
Tgt Ion:101 Resp: 251838

Ion Ratio Lower Upper

101 100

85 46.1 36.9 55.3

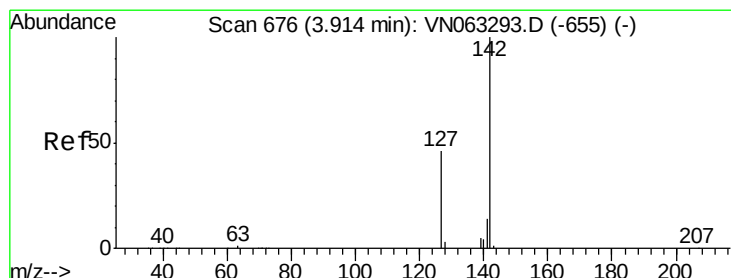
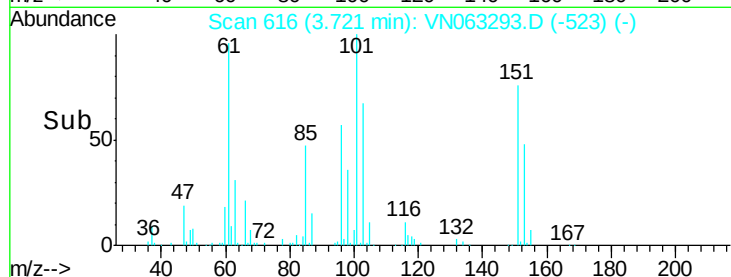
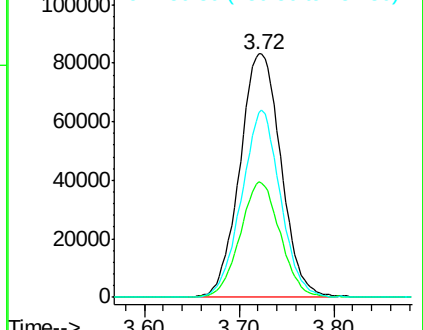
151 72.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.621 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

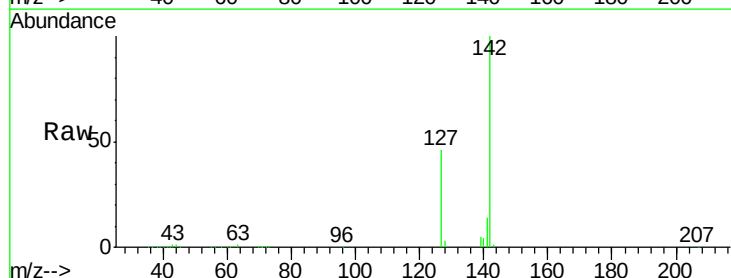
Tgt Ion:142 Resp: 347264

Ion Ratio Lower Upper

142 100

127 46.4 37.1 55.7

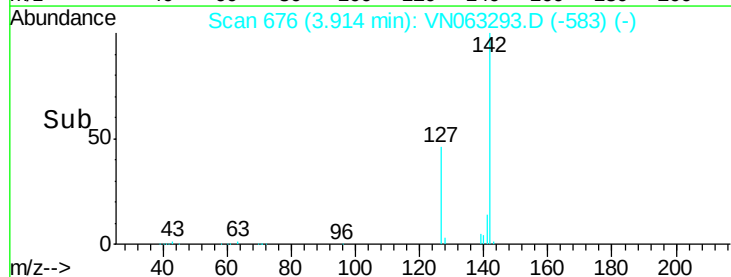
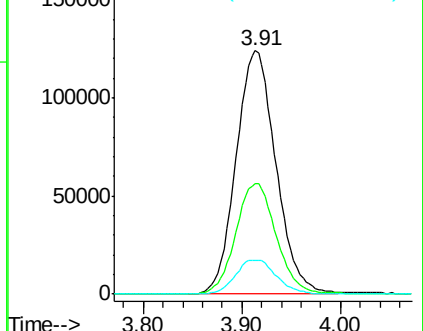
141 14.5 11.6 17.4

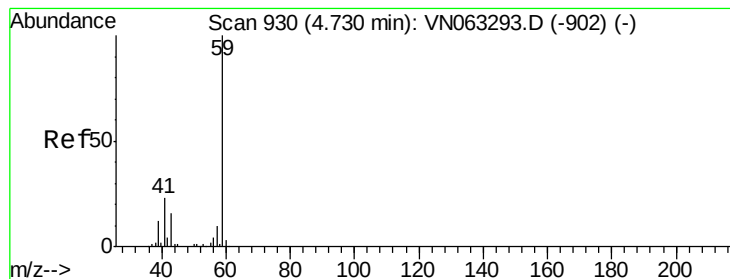


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



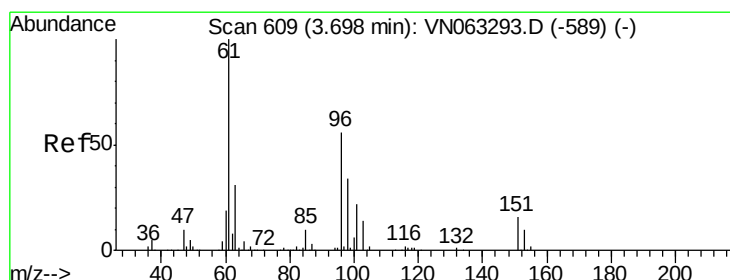
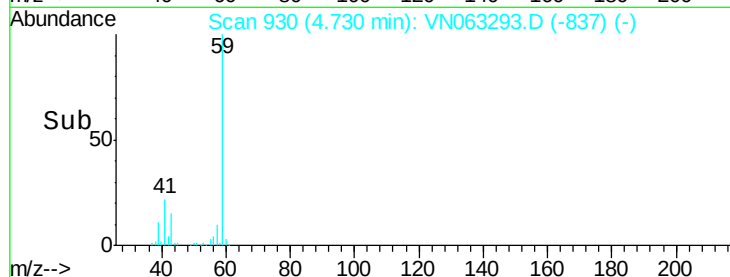
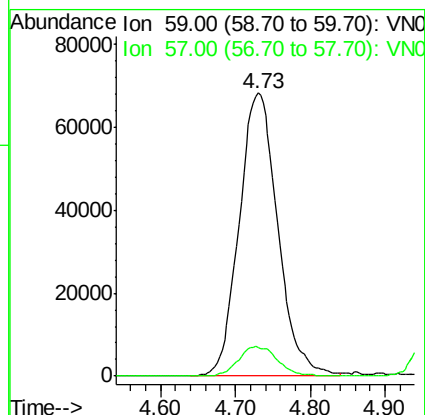
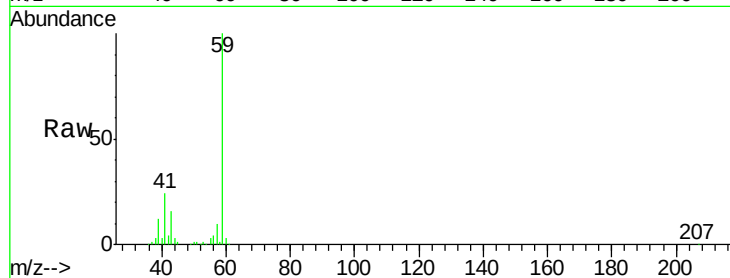


#11

Tert butyl alcohol
 Concen: 266.839 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

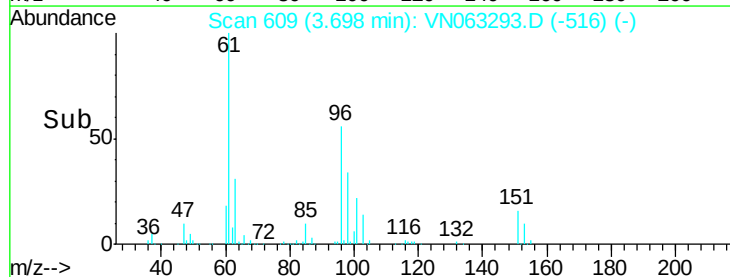
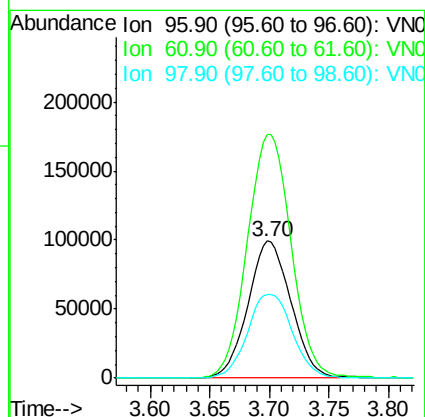
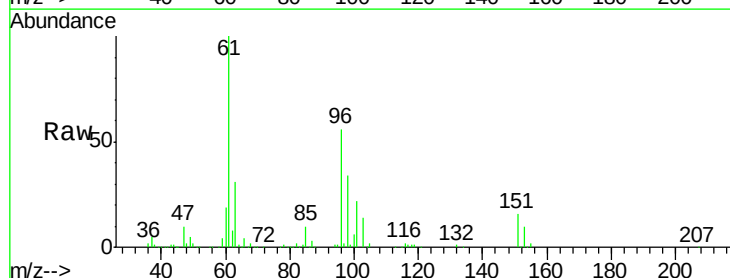
Tgt Ion: 59 Resp: 245105
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

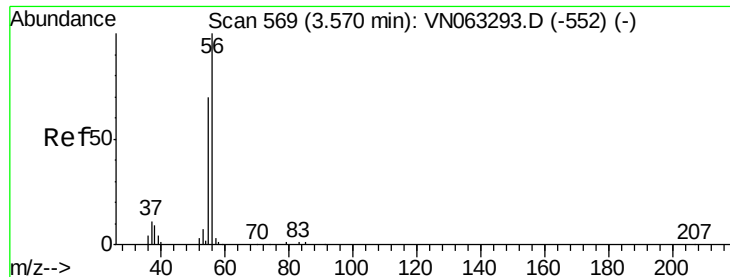


#12

1,1-Dichloroethene
 Concen: 49.415 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 96 Resp: 248200
 Ion Ratio Lower Upper
 96 100
 61 177.6 142.1 213.1
 98 61.0 48.8 73.2





#13

Acrolein

Concen: 344.140 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

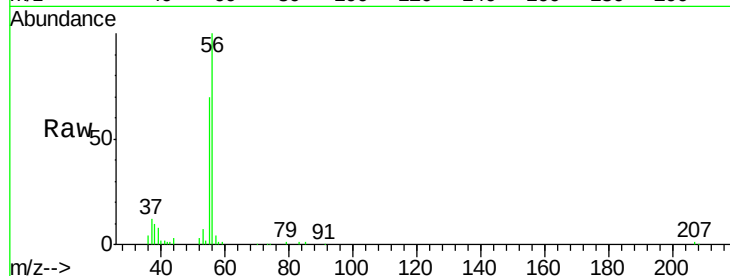
VSTDICCC050

Tgt Ion: 56 Resp: 117673

Ion Ratio Lower Upper

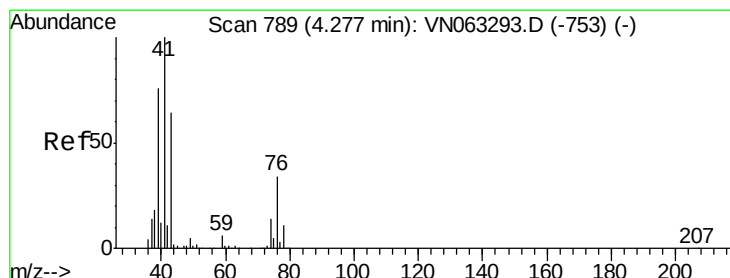
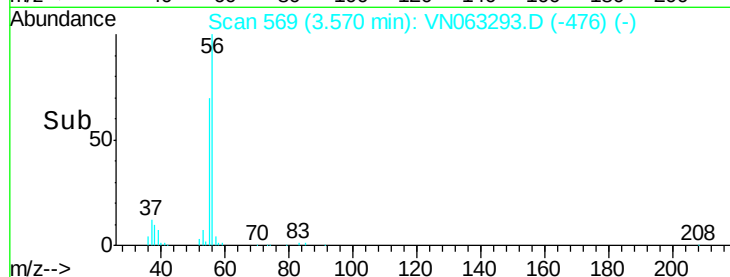
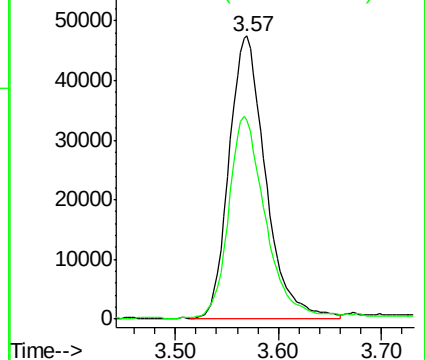
56 100

55 71.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 56.175 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

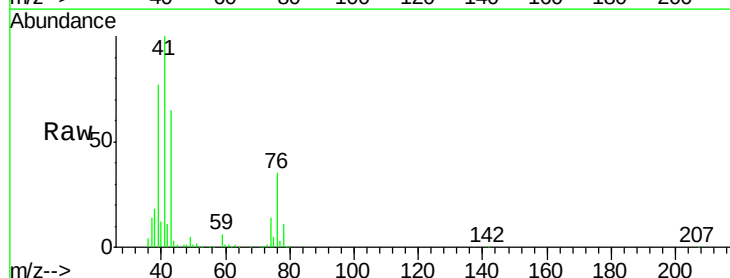
Tgt Ion: 41 Resp: 508473

Ion Ratio Lower Upper

41 100

39 71.8 57.4 86.2

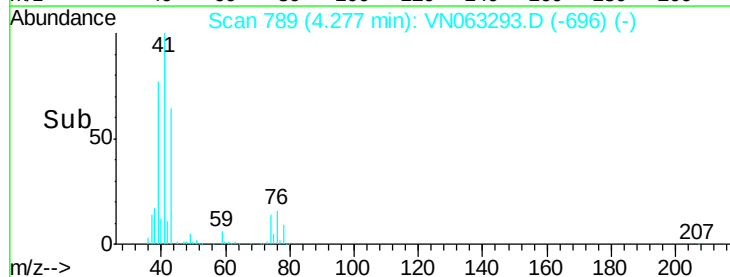
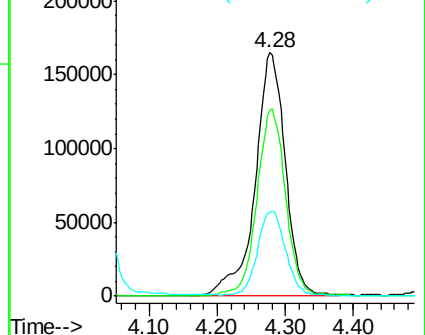
76 32.1 25.7 38.5

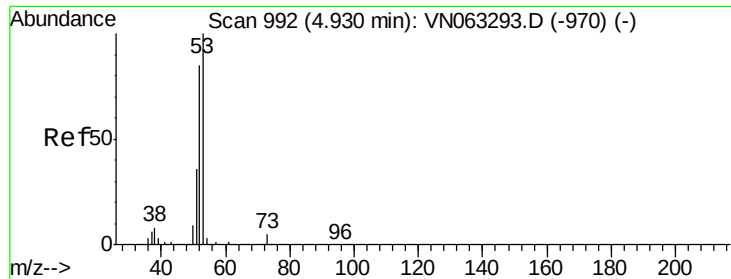


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 281.957 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

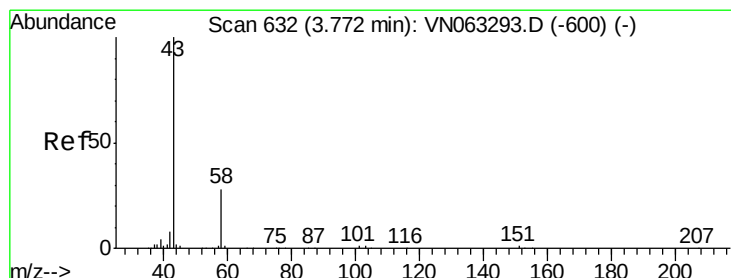
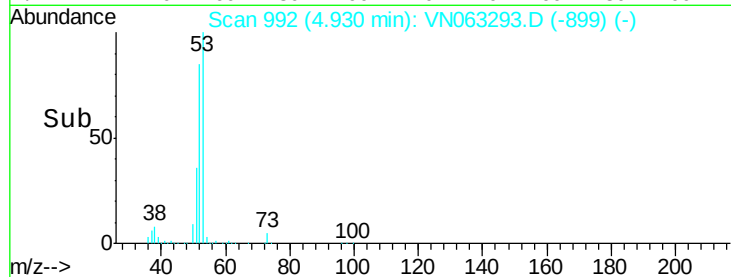
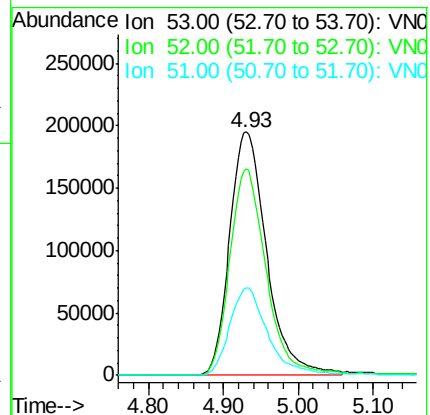
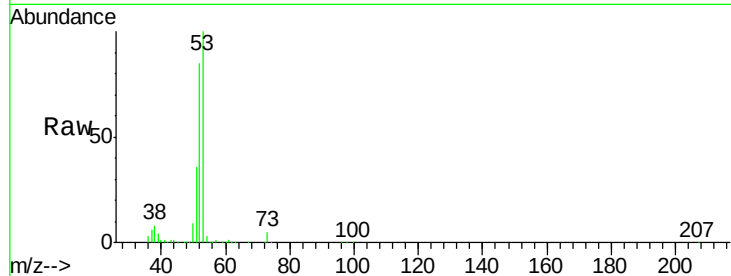
Tgt Ion: 53 Resp: 669842

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 37.2 29.8 44.6



#16

Acetone

Concen: 276.498 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063293.D

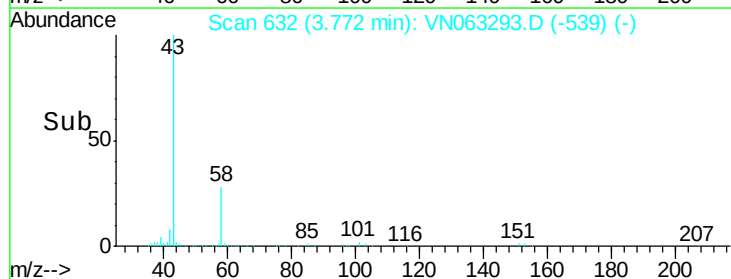
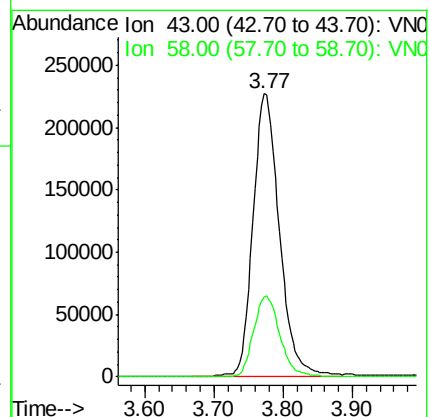
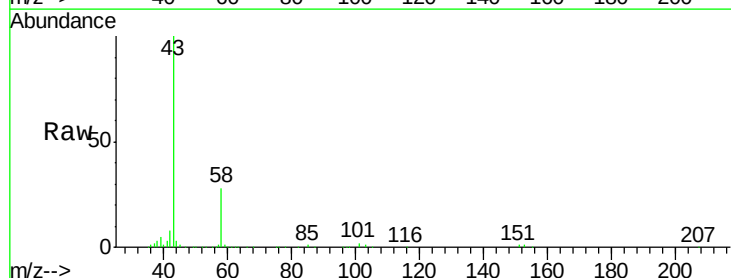
Acq: 10 Sep 2020 13:56

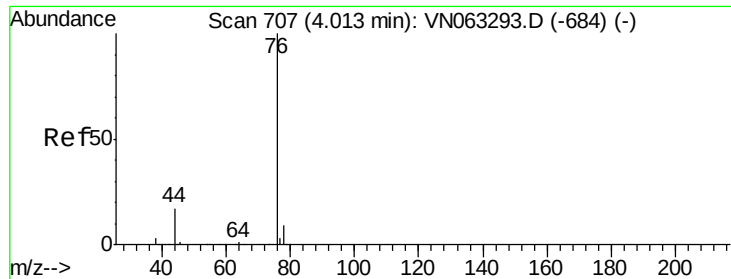
Tgt Ion: 43 Resp: 599235

Ion Ratio Lower Upper

43 100

58 28.3 22.6 34.0





#17

Carbon Disulfide

Concen: 49.098 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

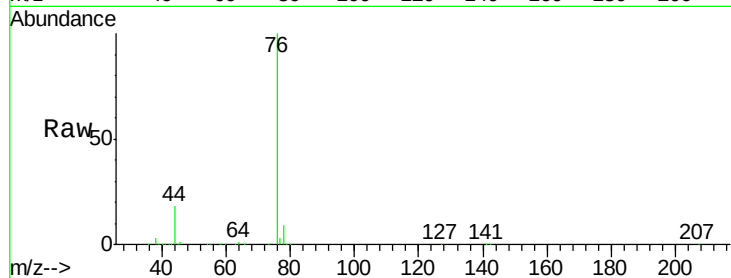
VSTDICCC050

Tgt Ion: 76 Resp: 735394

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN063293.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN063293.D (-684) (-)

4.01

300000

250000

200000

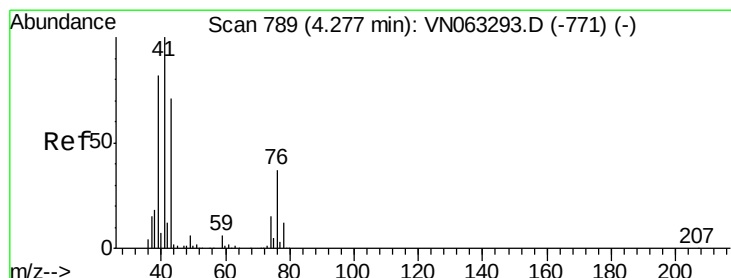
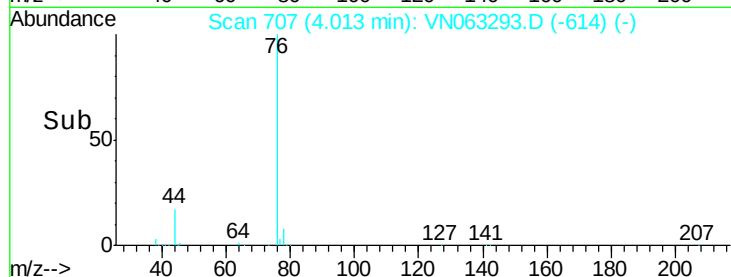
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.545 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063293.D

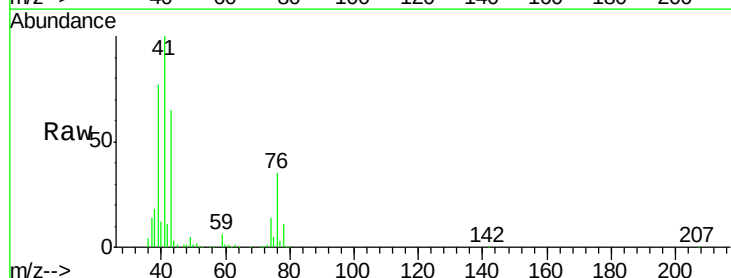
Acq: 10 Sep 2020 13:56

Tgt Ion: 43 Resp: 306898

Ion Ratio Lower Upper

43 100

74 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN063293.D (-771) (-)

4.28

120000

100000

80000

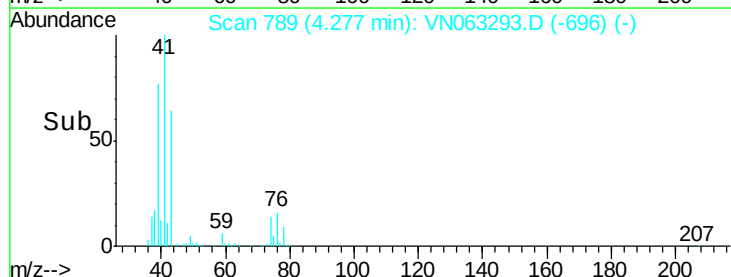
60000

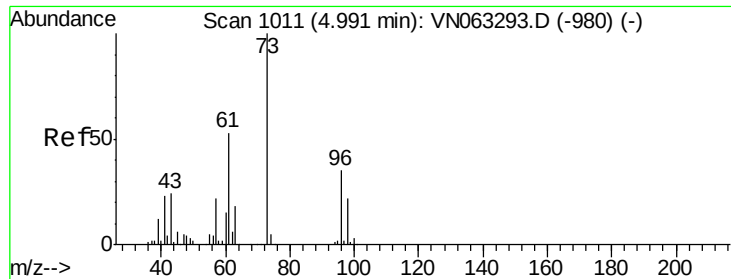
40000

20000

0

Time-->

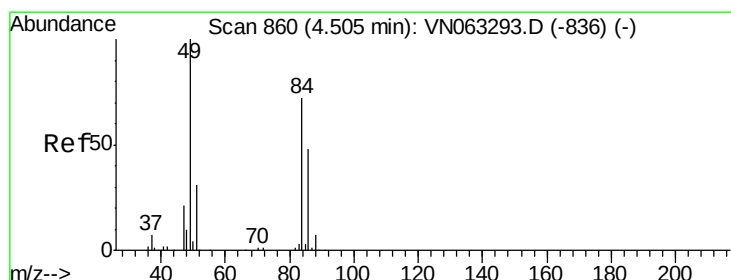
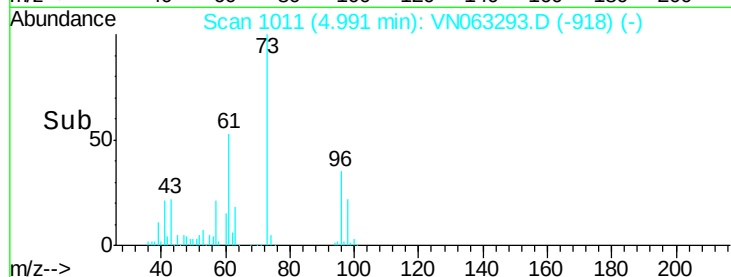
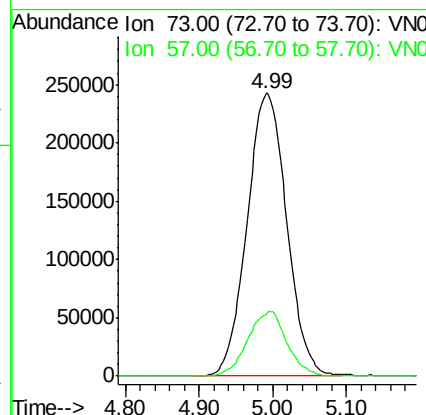
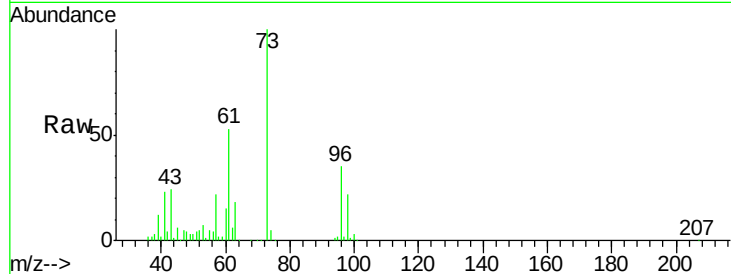




#19
Methyl tert-butyl Ether
Concen: 49.066 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

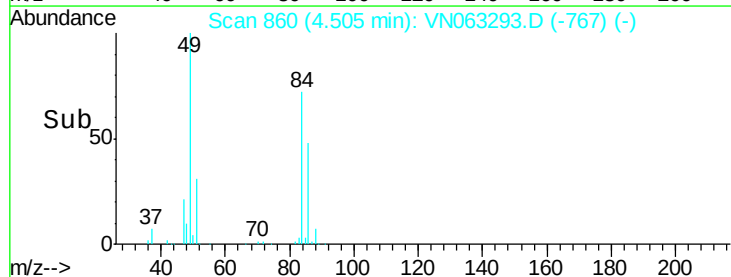
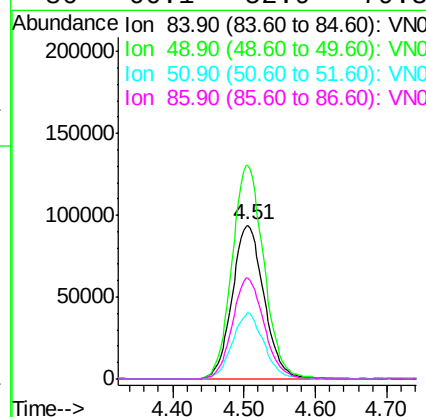
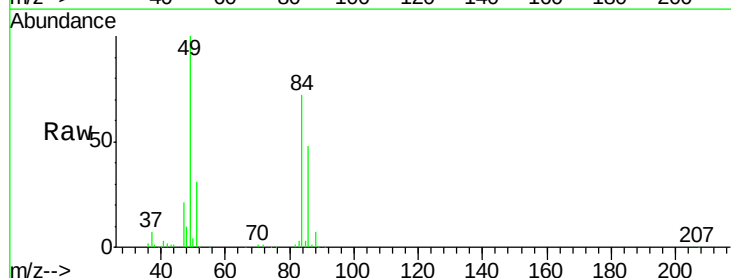
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

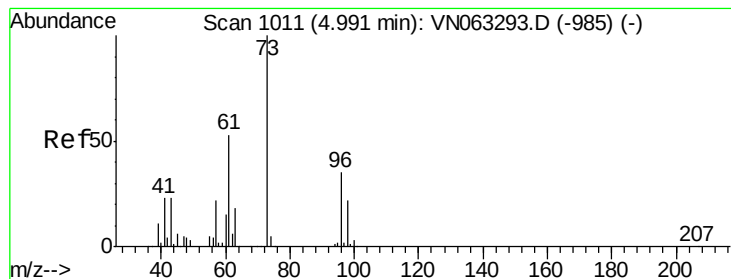
Tgt Ion: 73 Resp: 908634
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 45.299 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 84 Resp: 291550
Ion Ratio Lower Upper
84 100
49 138.9 111.1 166.7
51 42.9 34.3 51.5
86 66.1 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 49.905 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

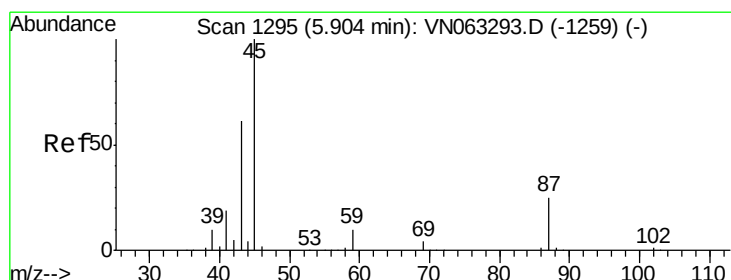
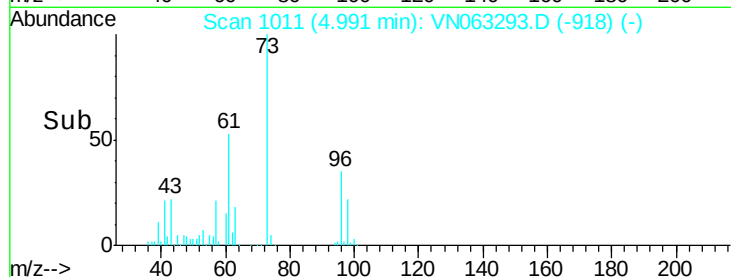
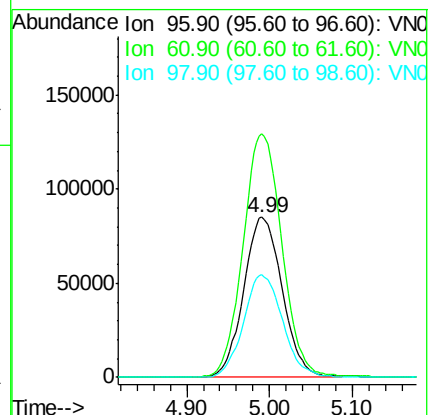
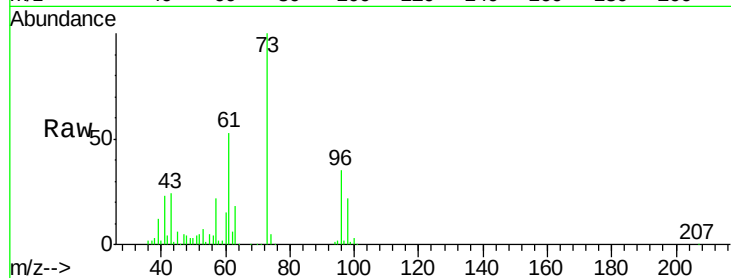
Tgt Ion: 96 Resp: 275339

Ion Ratio Lower Upper

96 100

61 152.3 121.8 182.8

98 64.0 51.2 76.8



#22

Diisopropyl ether

Concen: 51.722 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion: 45 Resp: 1037873

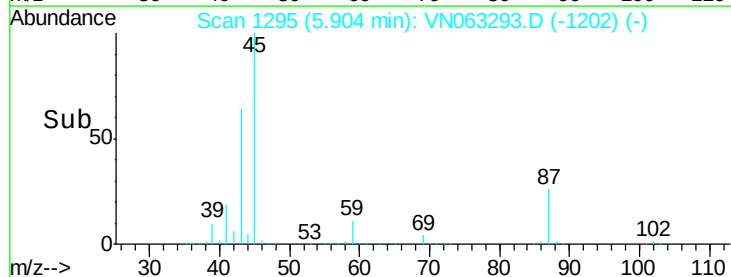
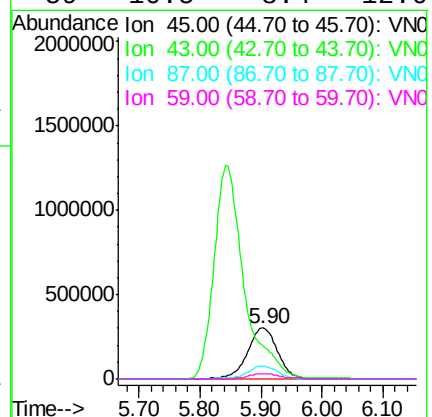
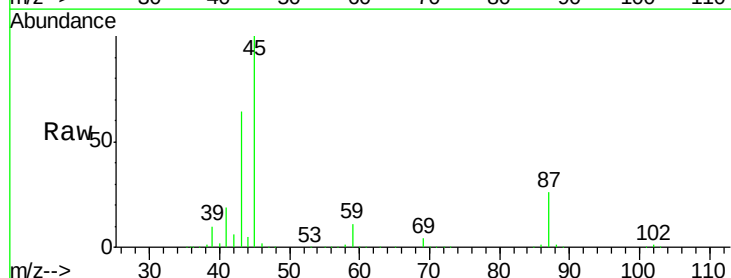
Ion Ratio Lower Upper

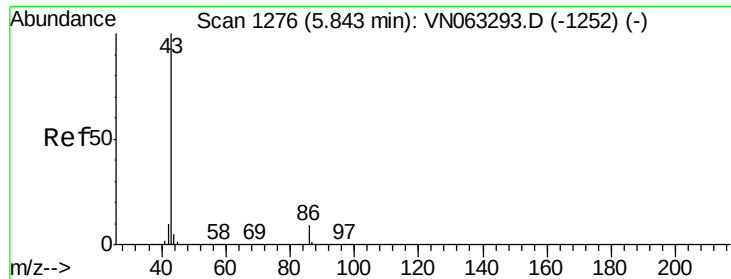
45 100

43 62.9 50.3 75.5

87 25.9 20.7 31.1

59 10.5 8.4 12.6





#23

Vinyl Acetate

Concen: 271.998 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampled :

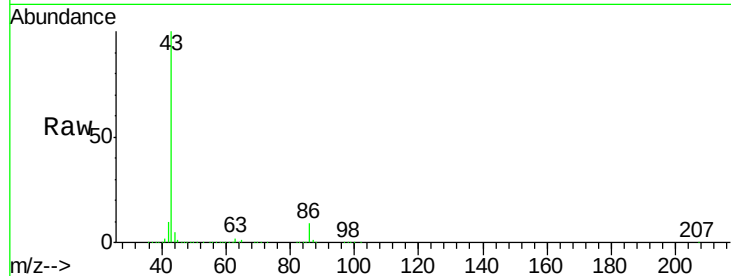
VSTDICCC050

Tgt Ion: 43 Resp: 4342202

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN063293.D (-1252) (-)

5.84

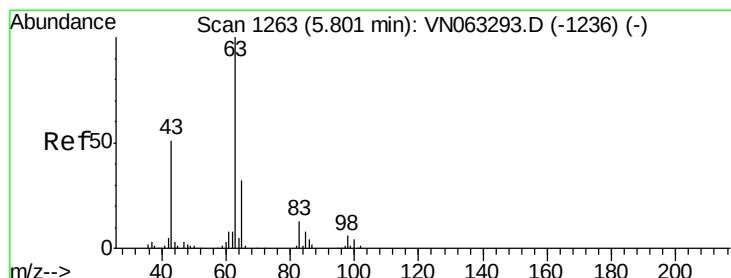
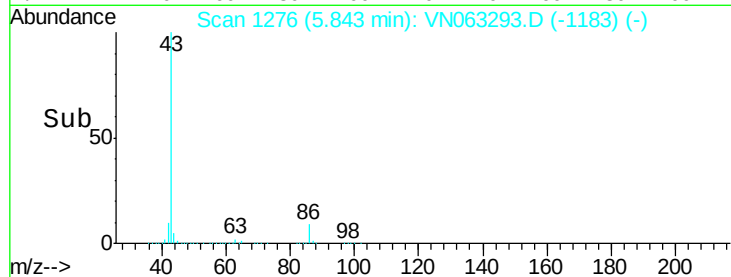
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.027 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

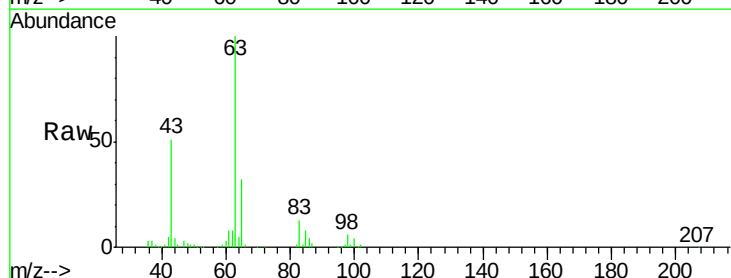
Tgt Ion: 63 Resp: 550941

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN063293.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN063293.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN063293.D (-1236) (-)

5.80

200000

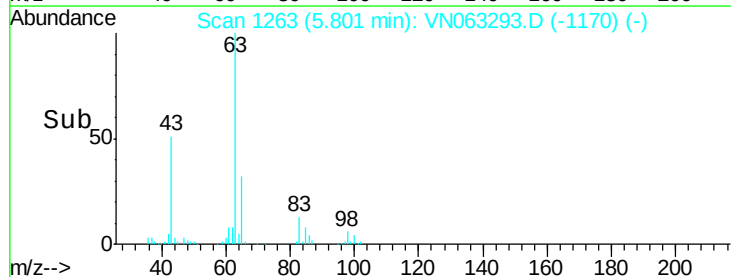
150000

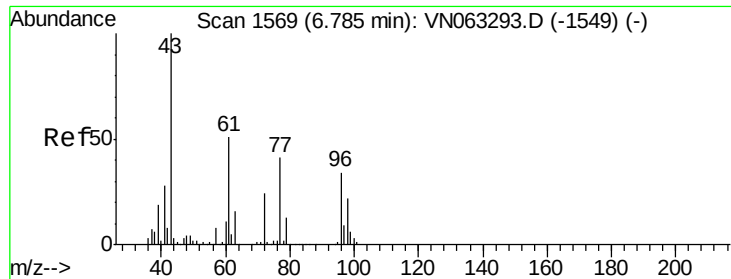
100000

50000

0

Time-->





#25

2-Butanone

Concen: 283.081 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampled :

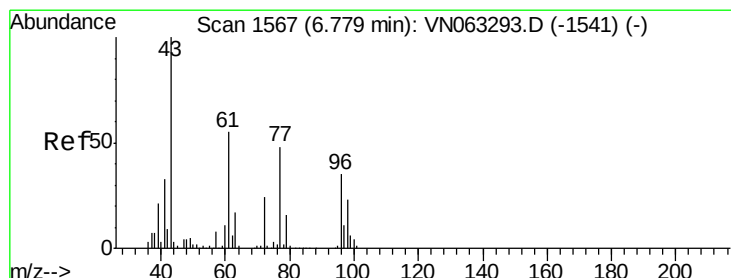
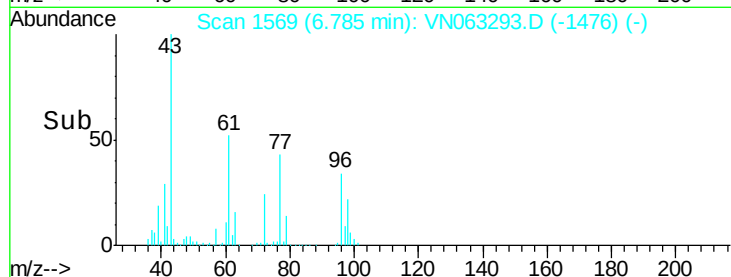
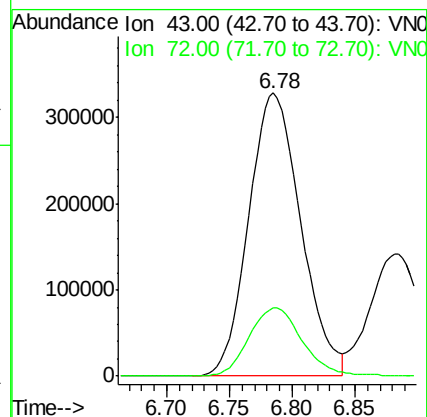
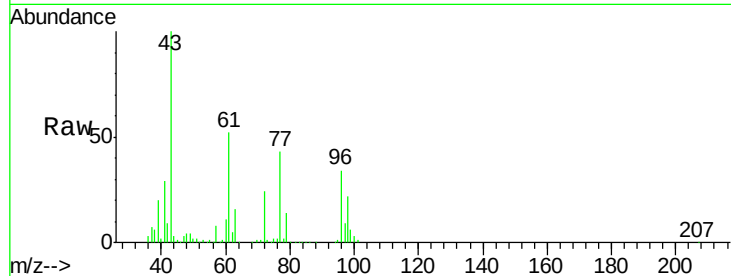
VSTDICCC050

Tgt Ion: 43 Resp: 943062

Ion Ratio Lower Upper

43 100

72 24.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 47.984 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063293.D

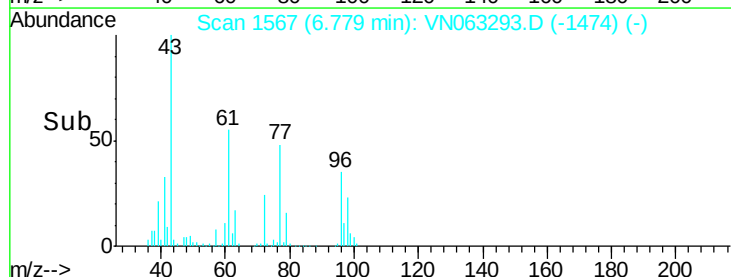
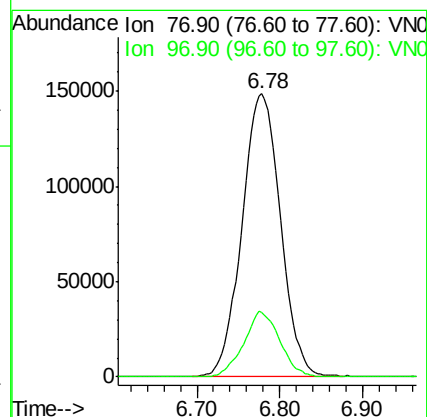
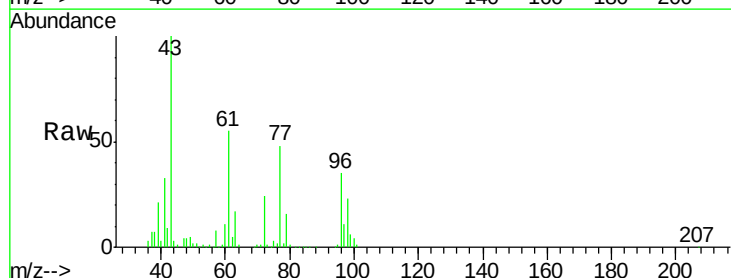
Acq: 10 Sep 2020 13:56

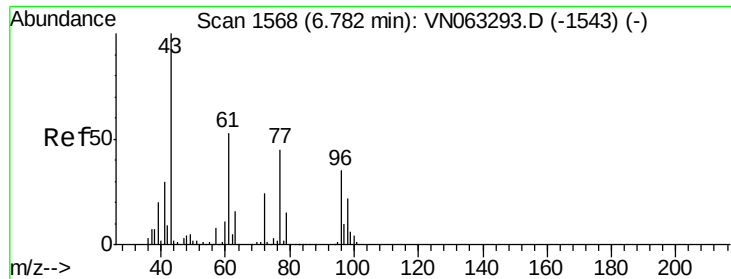
Tgt Ion: 77 Resp: 479633

Ion Ratio Lower Upper

77 100

97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 48.133 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

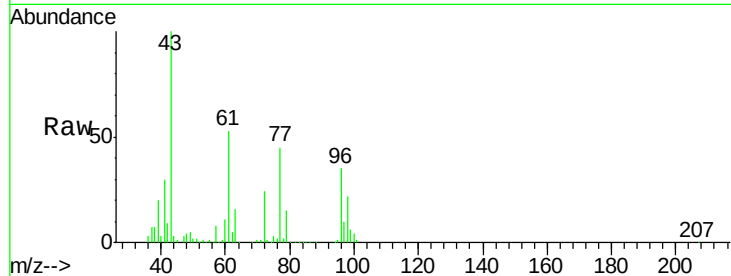
Tgt Ion: 96 Resp: 322795

Ion Ratio Lower Upper

96 100

61 161.4 0.0 322.8

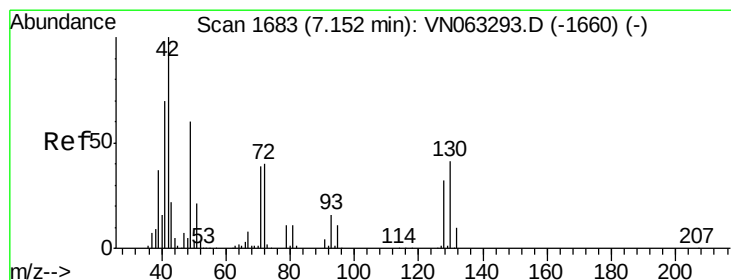
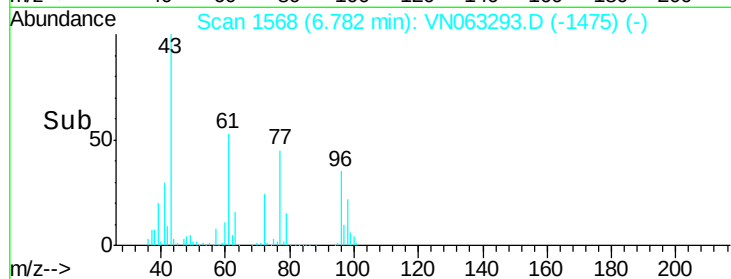
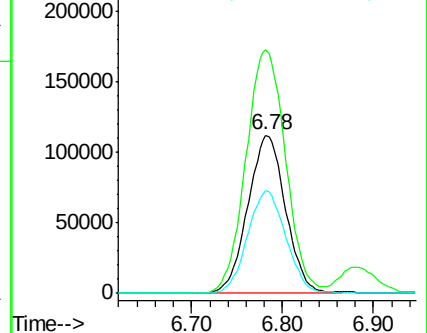
98 66.1 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063293.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN063293.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN063293.D (-1543) (-)



#28

Bromochloromethane

Concen: 45.850 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

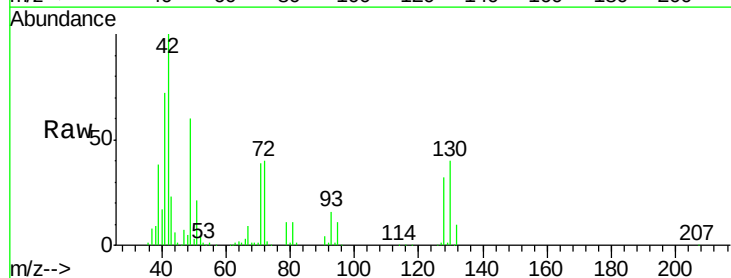
Tgt Ion: 49 Resp: 258522

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

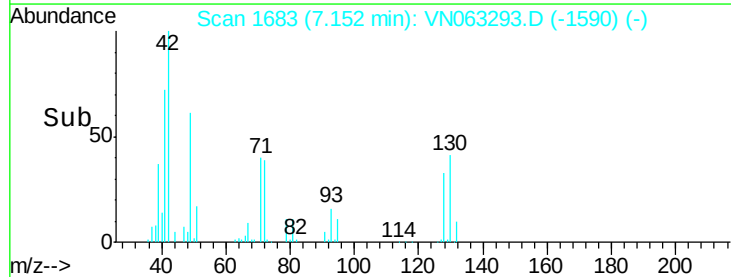
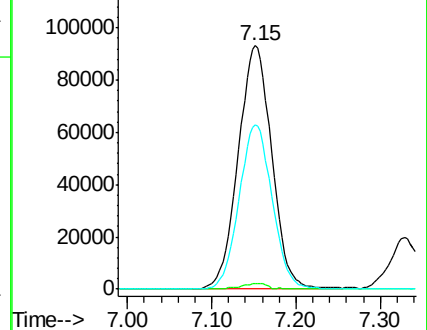
130 66.4 53.1 79.7

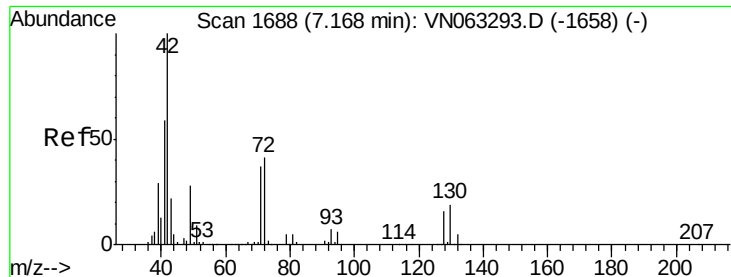


Abundance Ion 48.90 (48.60 to 49.60): VN063293.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063293.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063293.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 273.316 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

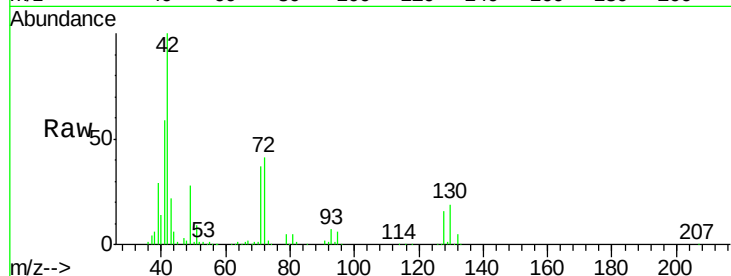
Tgt Ion: 42 Resp: 626929

Ion Ratio Lower Upper

42 100

72 39.3 31.4 47.2

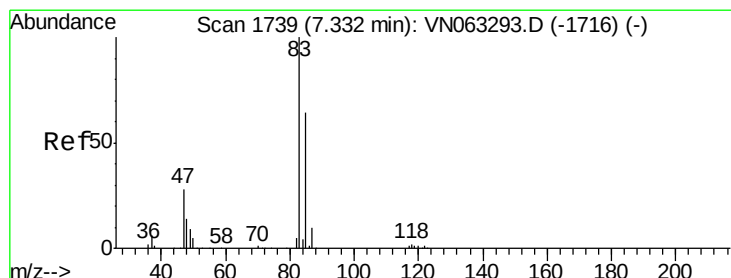
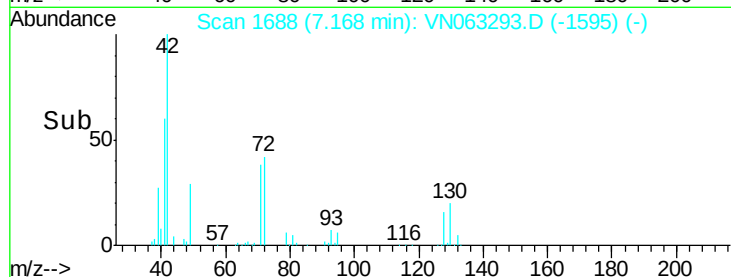
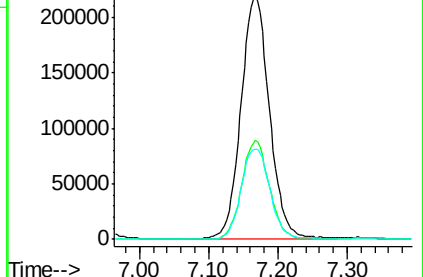
71 37.5 30.0 45.0



Abundance Ion 42.00 (41.70 to 42.70): VN063293.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN063293.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN063293.D (-1658) (-)



#30

Chloroform

Concen: 48.744 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063293.D

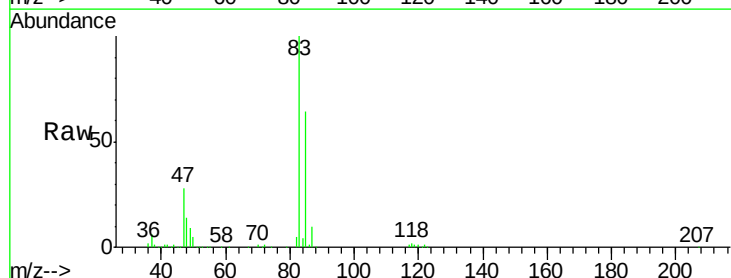
Acq: 10 Sep 2020 13:56

Tgt Ion: 83 Resp: 559484

Ion Ratio Lower Upper

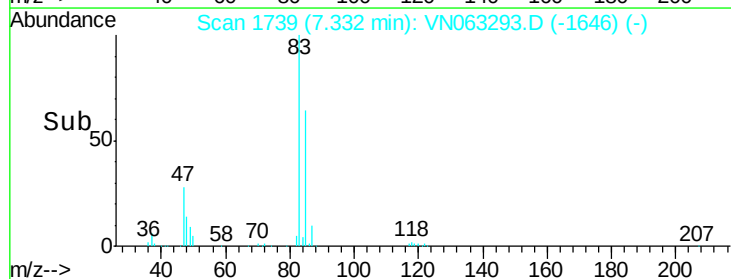
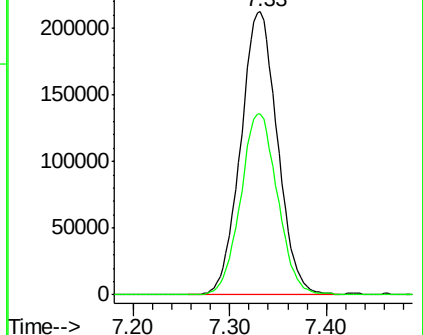
83 100

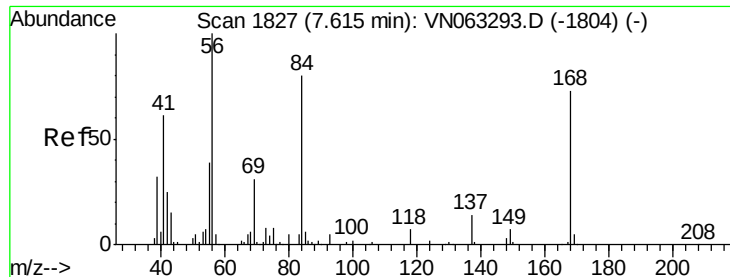
85 64.0 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN063293.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063293.D (-1716) (-)

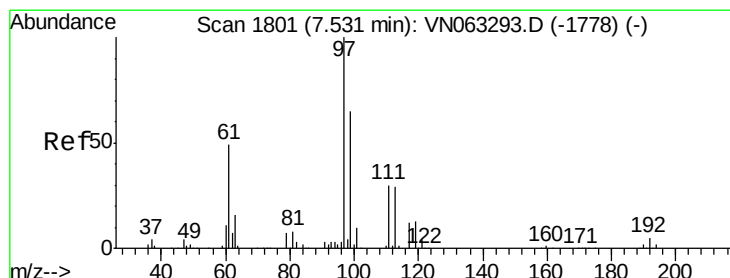
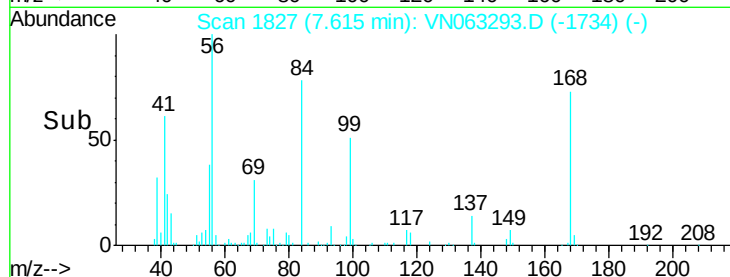
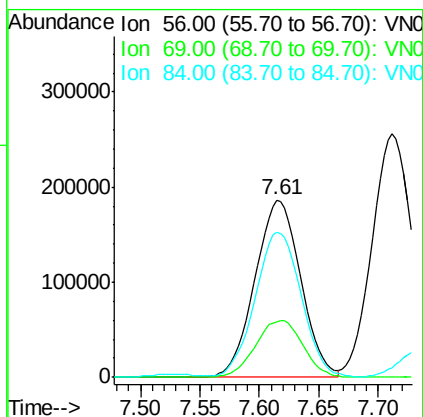
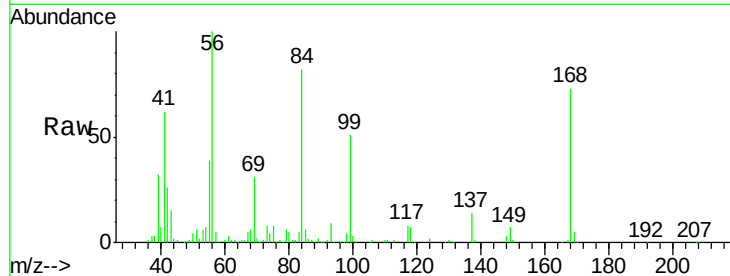




#31
Cyclohexane
Concen: 47.958 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

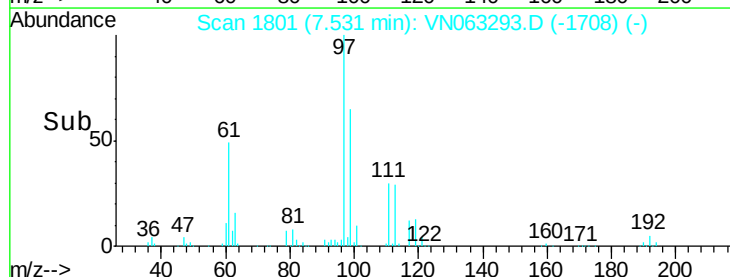
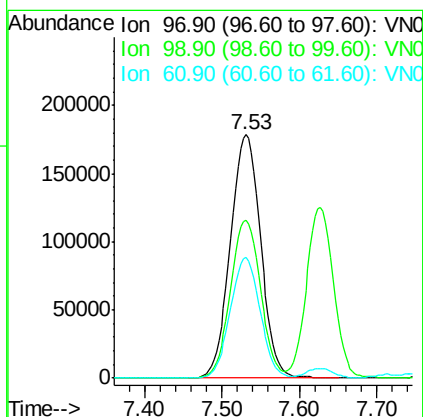
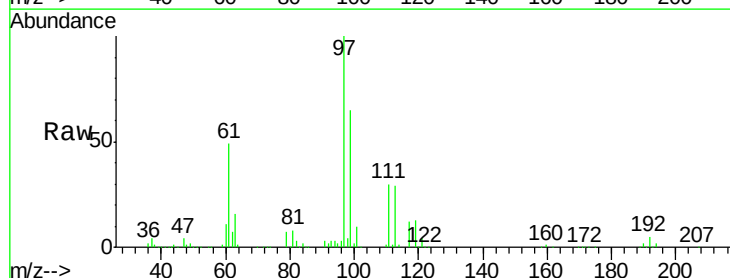
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

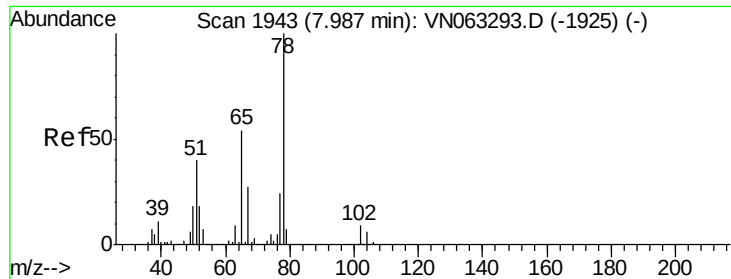
Tgt Ion: 56 Resp: 496385
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 80.2 64.2 96.2



#32
1,1,1-Trichloroethane
Concen: 49.234 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 97 Resp: 485498
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 48.6 38.9 58.3

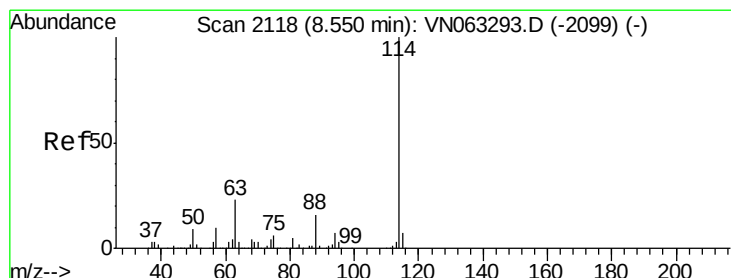
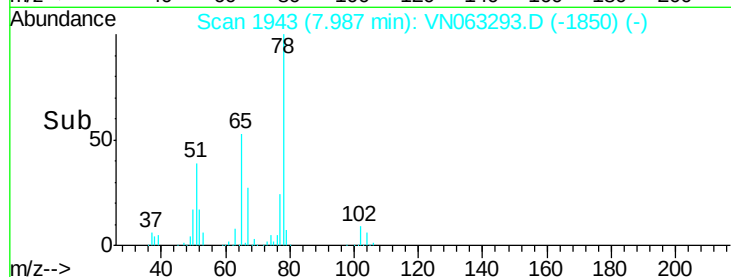
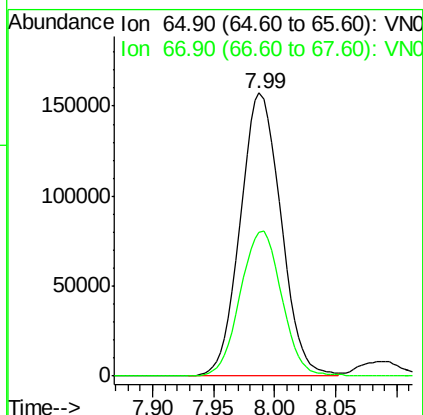
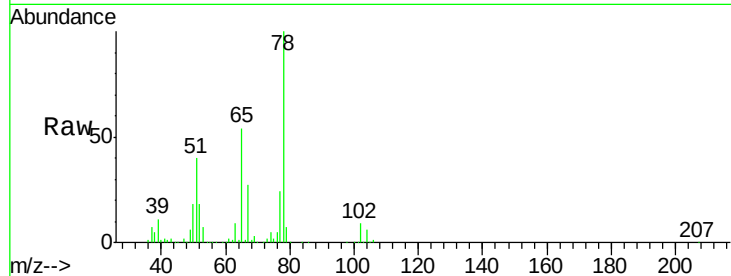




#33
 1,2-Dichloroethane-d4
 Concen: 48.944 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

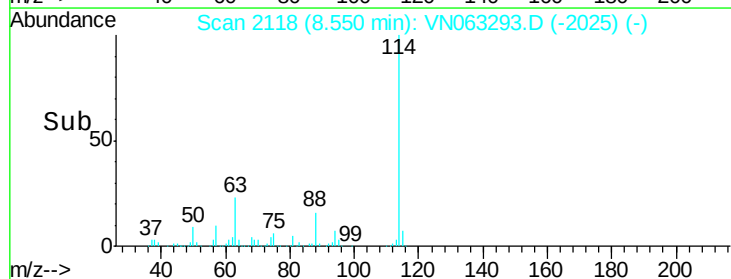
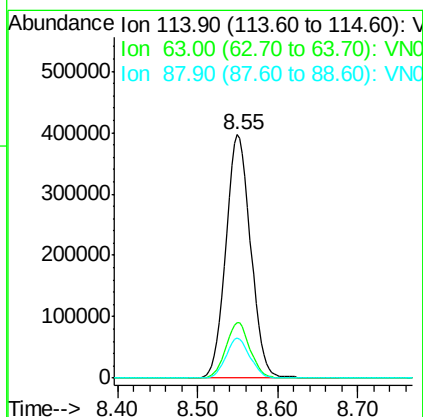
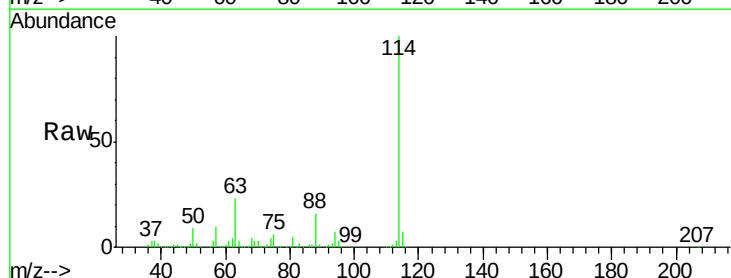
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

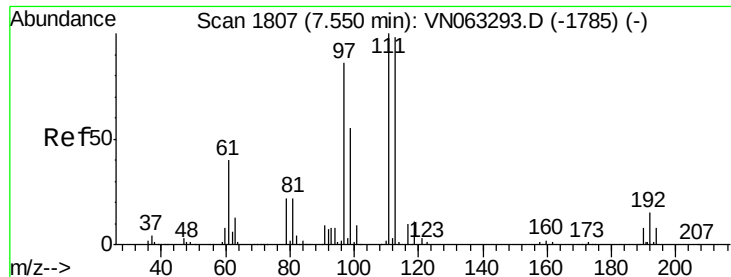
Tgt Ion: 65 Resp: 363214
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 114 Resp: 839175
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 16.4 0.0 32.8

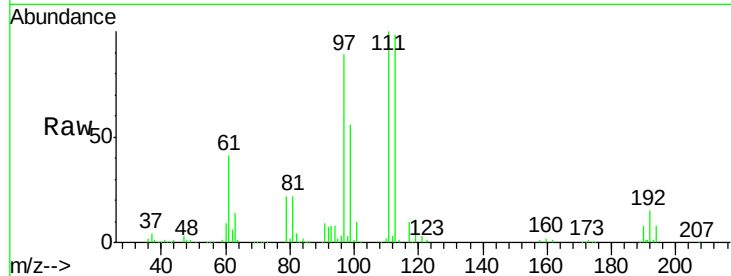




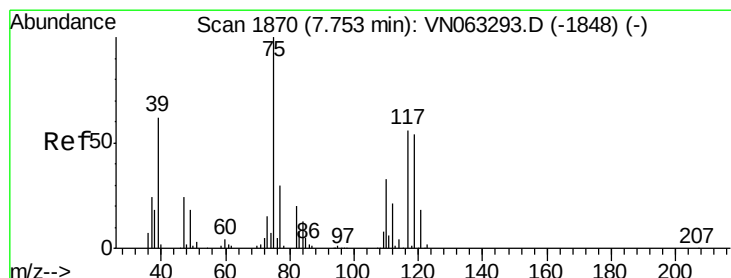
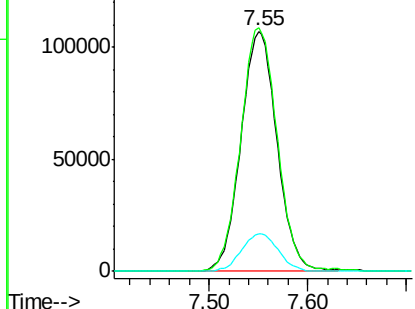
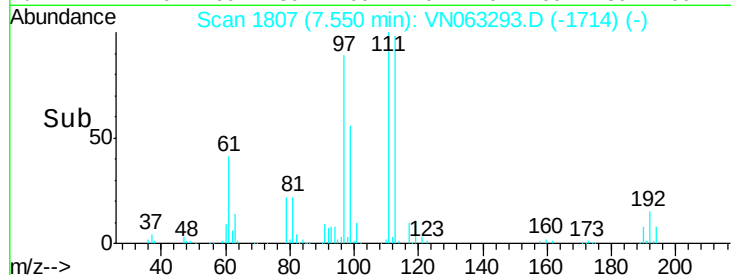
#35
 Dibromofluoromethane
 Concen: 50.683 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	16.1	12.9	19.3

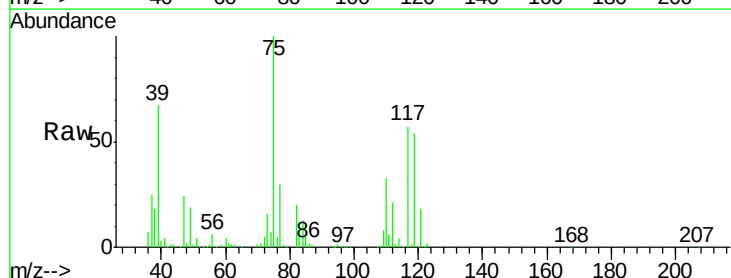


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

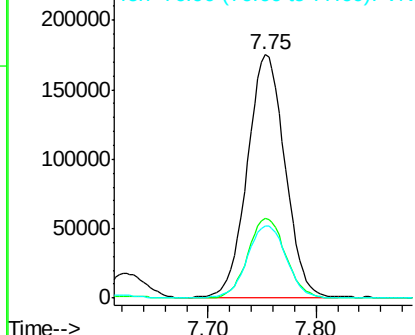
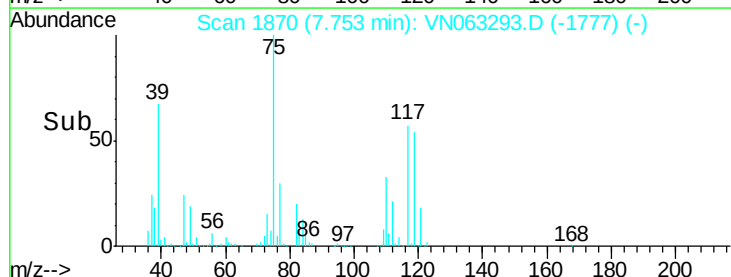


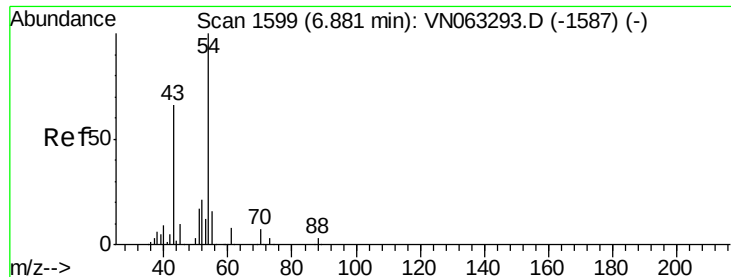
#36
 1,1-Dichloropropene
 Concen: 52.458 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.4	49.4
77	31.0	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

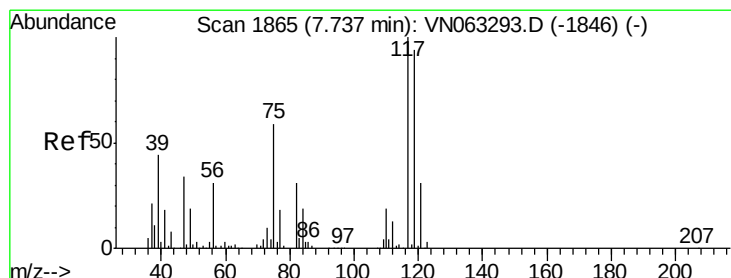
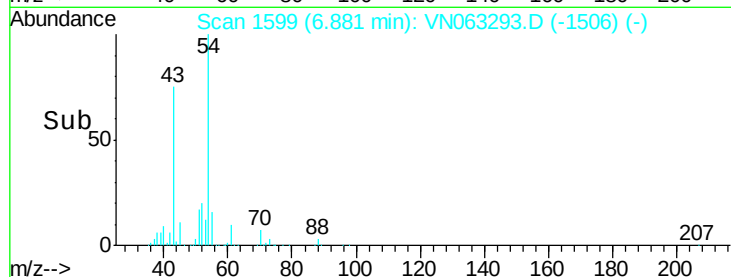
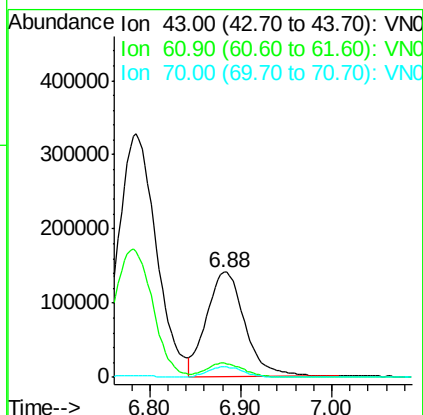
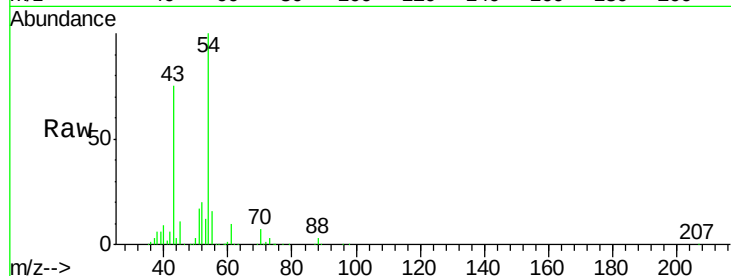




#37
Ethyl Acetate
 Concen: 59.790 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

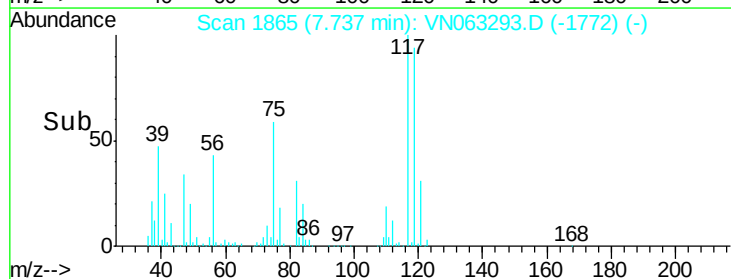
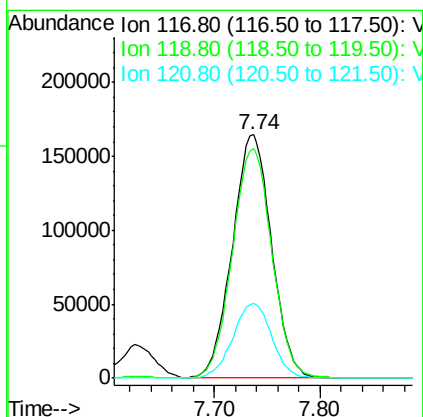
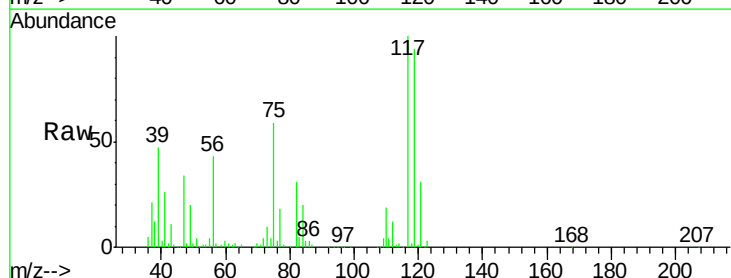
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

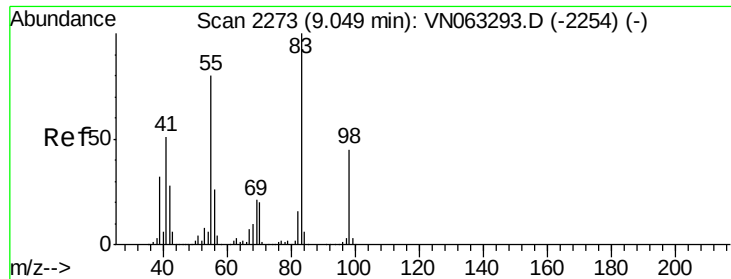
Tgt Ion: 43 Resp: 413411
 Ion Ratio Lower Upper
 43 100
 61 12.6 10.1 15.1
 70 9.3 7.4 11.2



#38
Carbon Tetrachloride
 Concen: 51.872 ug/l
 RT: 7.74 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 117 Resp: 423347
 Ion Ratio Lower Upper
 117 100
 119 94.1 75.3 112.9
 121 30.8 24.6 37.0

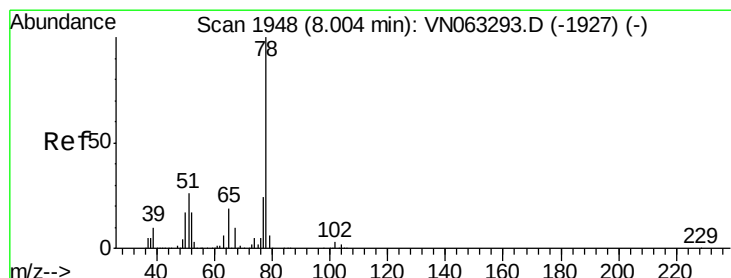
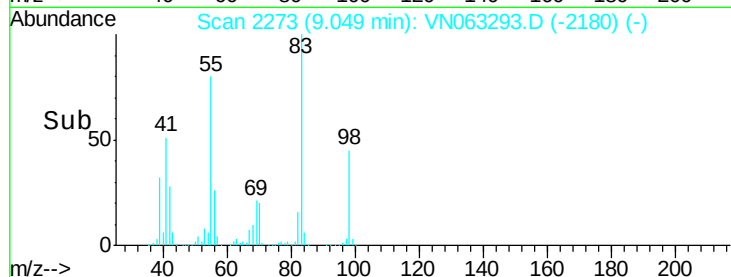
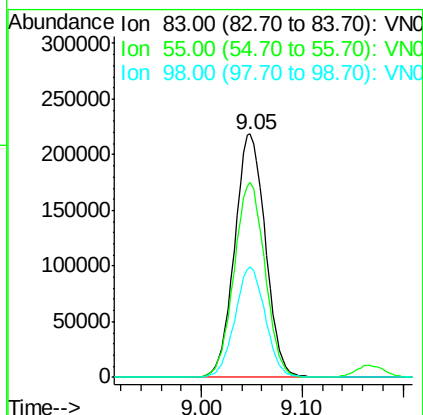
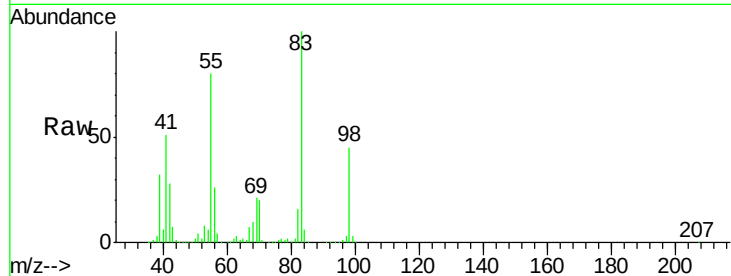




#39
Methylcyclohexane
Concen: 51.208 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

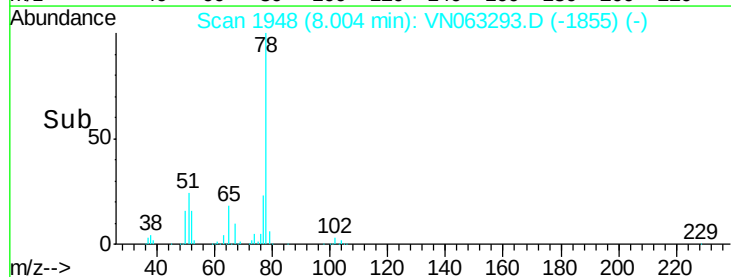
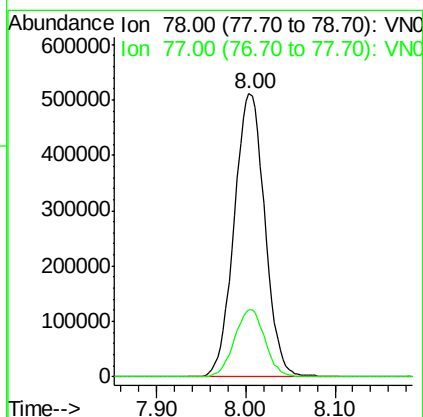
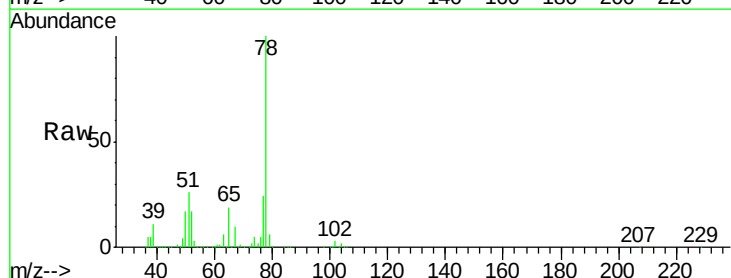
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

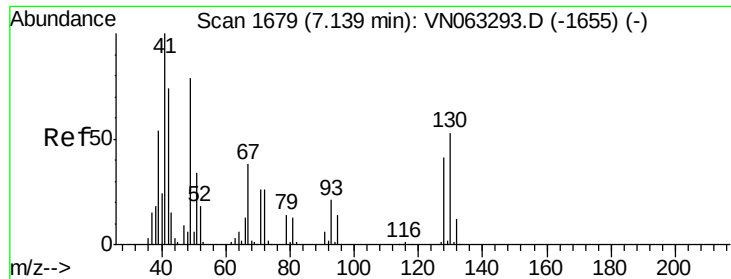
Tgt Ion: 83 Resp: 462001
Ion Ratio Lower Upper
83 100
55 80.0 64.0 96.0
98 45.5 36.4 54.6



#40
Benzene
Concen: 51.773 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 78 Resp: 1219805
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

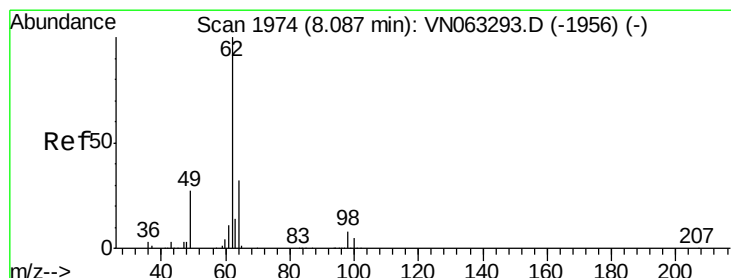
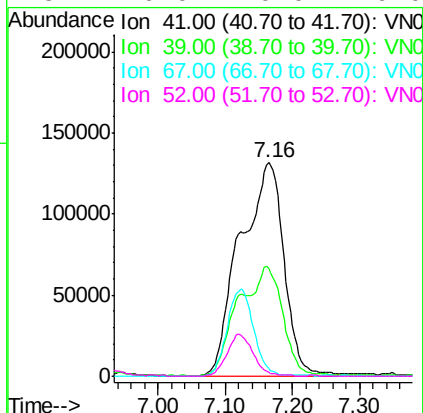
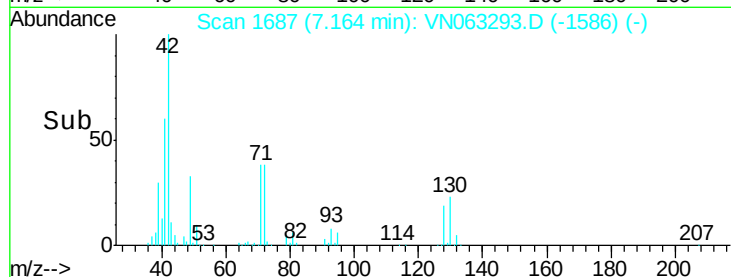
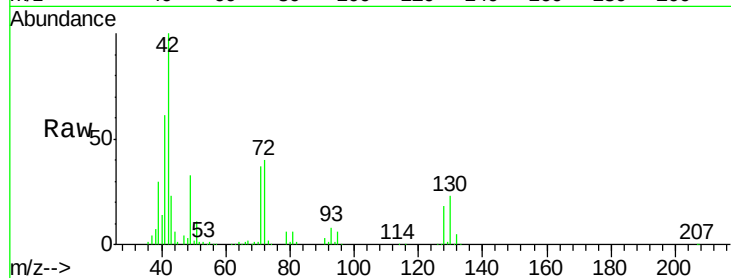




#41
Methacrylonitrile
Concen: 169.722 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

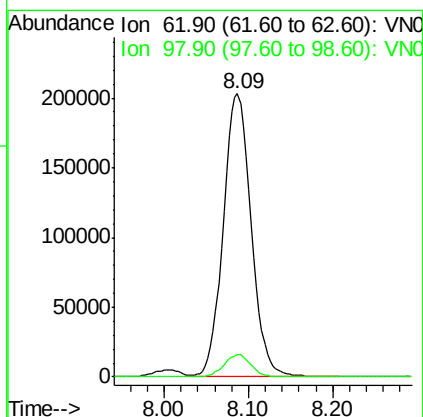
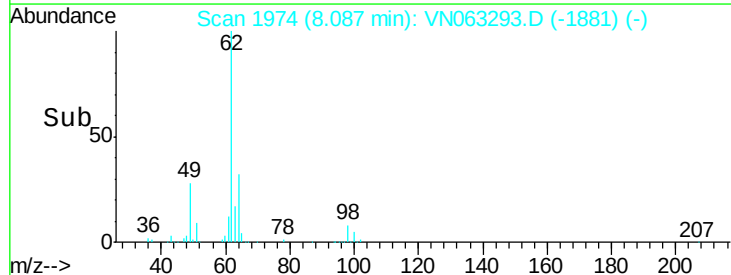
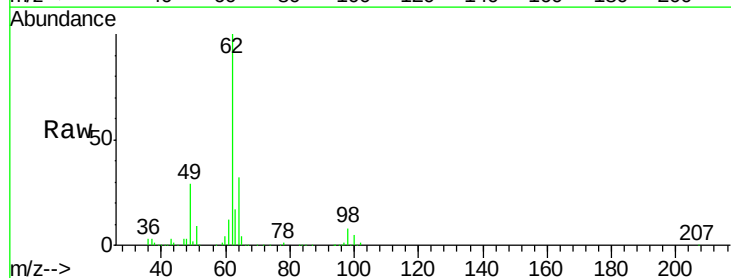
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

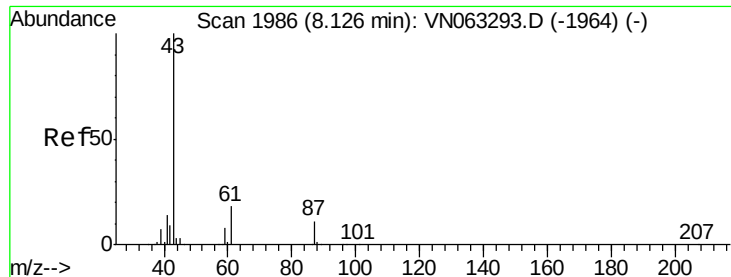
Tgt Ion:	41	Resp:	591836
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.807 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion:	62	Resp:	466797
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.4





#43

Isopropyl Acetate

Concen: 54.820 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

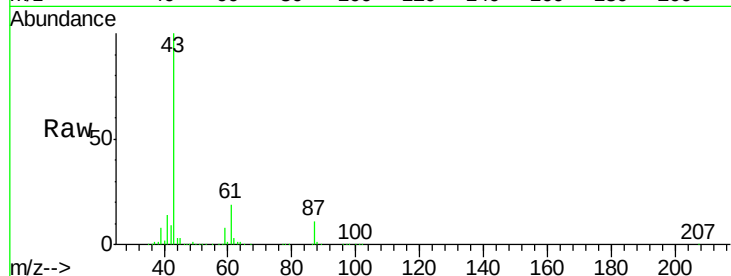
Tgt Ion: 43 Resp: 720880

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

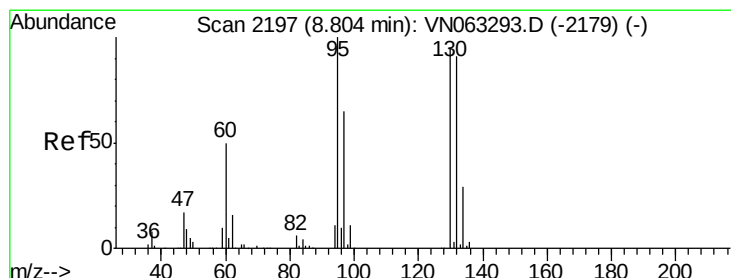
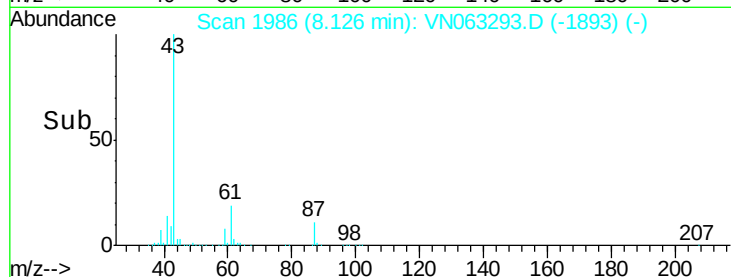
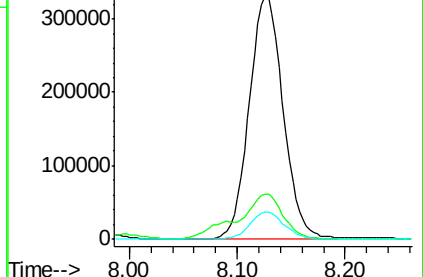
87 11.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN063293.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN063293.D (-1964) (-)



#44

Trichloroethene

Concen: 55.260 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063293.D

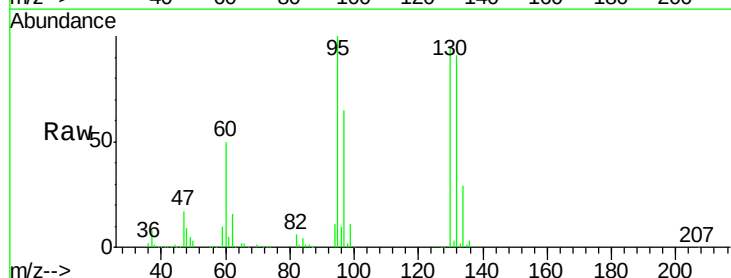
Acq: 10 Sep 2020 13:56

Tgt Ion: 130 Resp: 320530

Ion Ratio Lower Upper

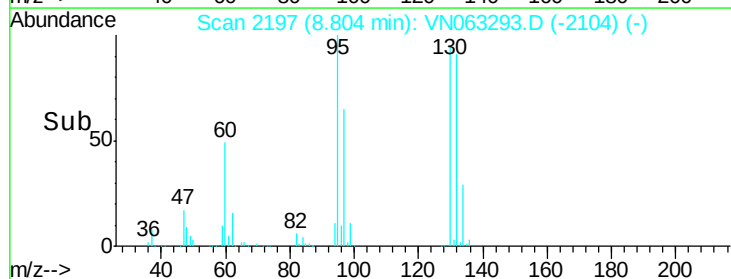
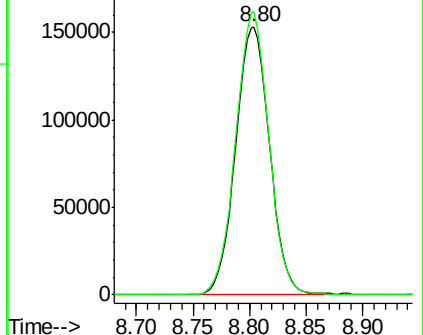
130 100

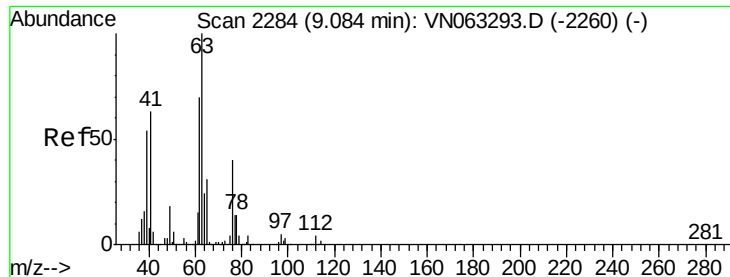
95 105.4 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063293.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063293.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 53.311 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

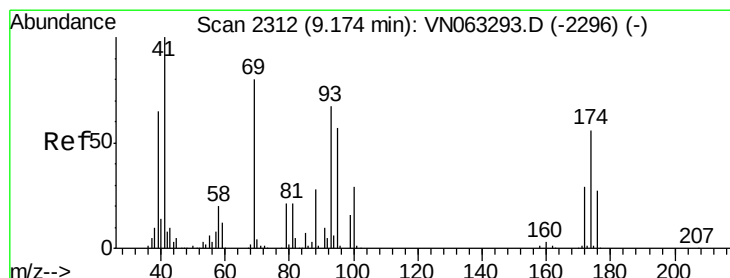
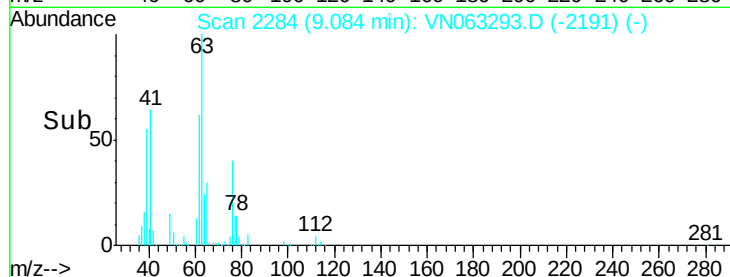
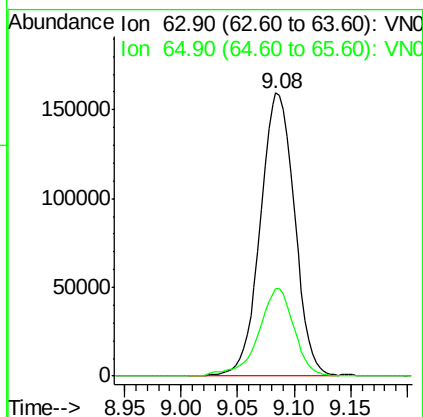
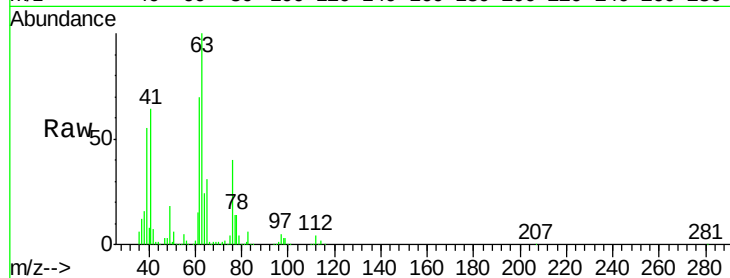
VSTDICCC050

Tgt Ion: 63 Resp: 335436

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 51.745 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

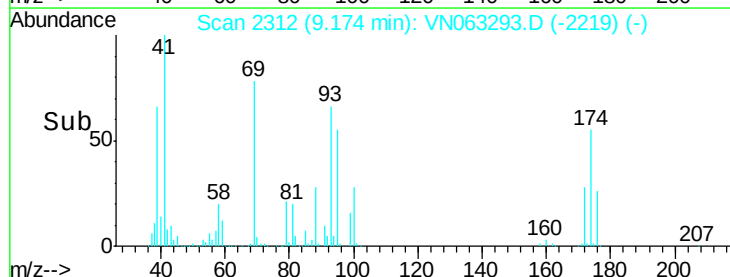
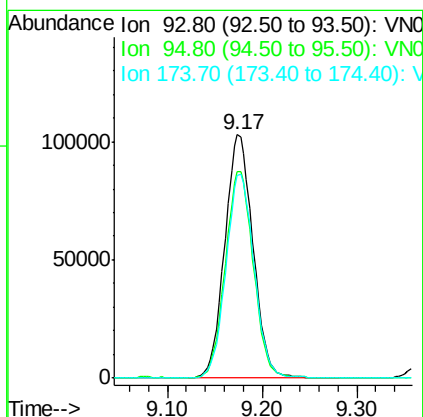
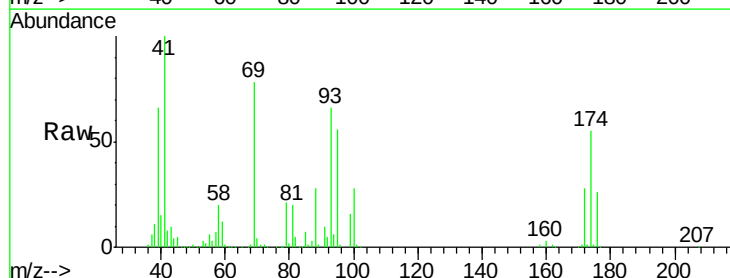
Tgt Ion: 93 Resp: 213220

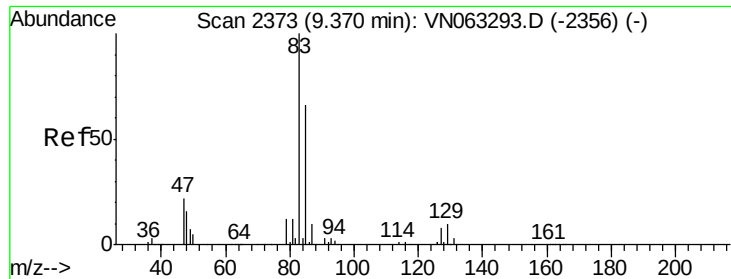
Ion Ratio Lower Upper

93 100

95 84.9 67.9 101.9

174 83.6 66.9 100.3

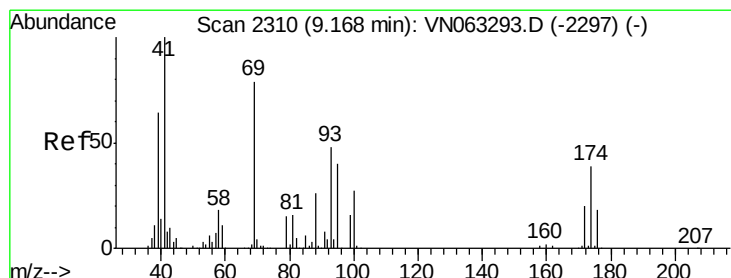
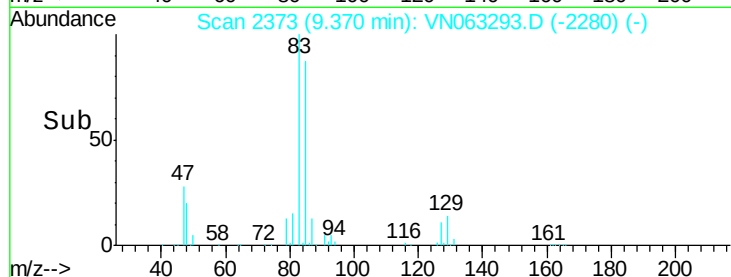
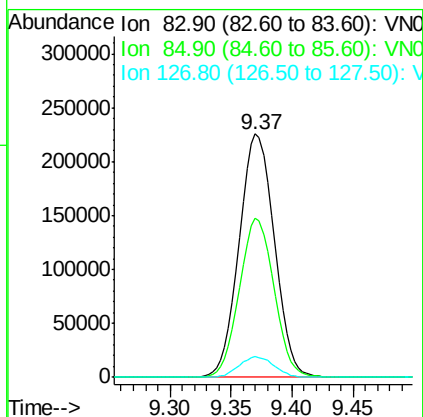
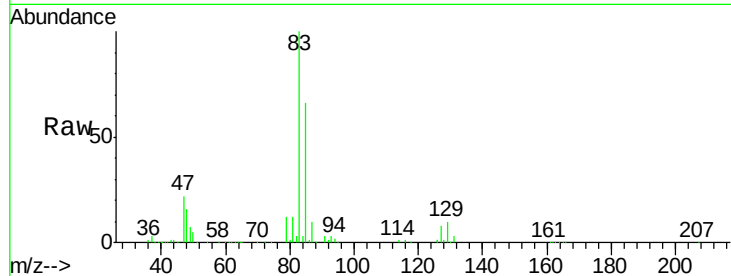




#47
 Bromodichloromethane
 Concen: 51.134 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

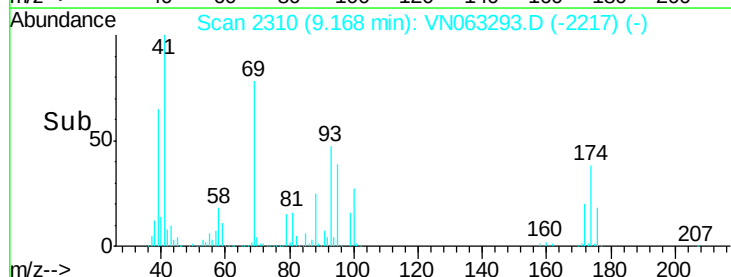
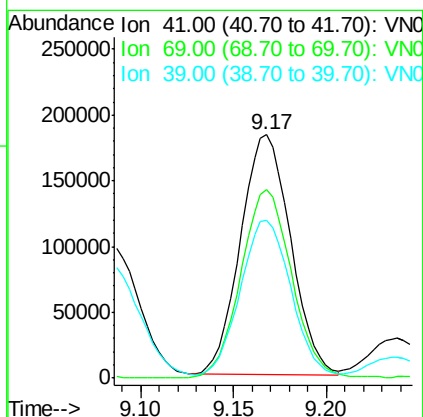
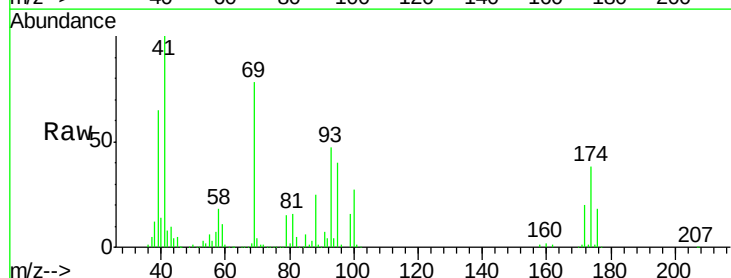
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

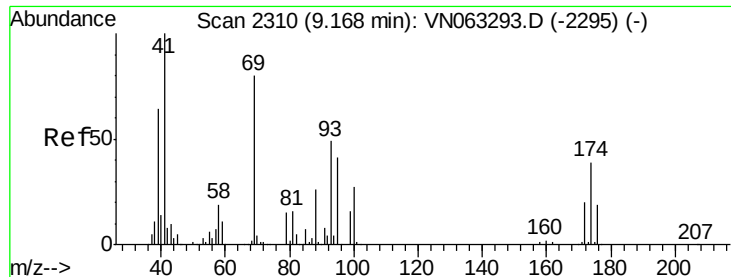
Tgt Ion: 83 Resp: 450984
 Ion Ratio Lower Upper
 83 100
 85 65.6 52.5 78.7
 127 8.3 6.6 10.0



#48
 Methyl methacrylate
 Concen: 57.699 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 41 Resp: 343546
 Ion Ratio Lower Upper
 41 100
 69 79.5 63.6 95.4
 39 66.5 53.2 79.8

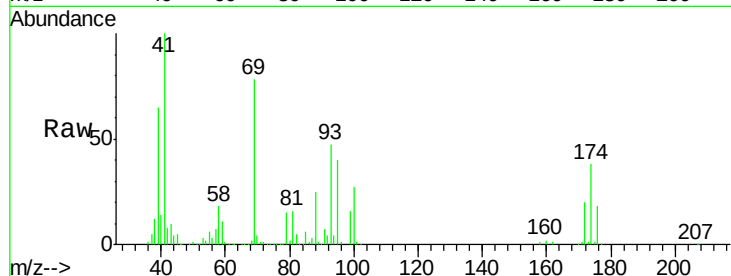




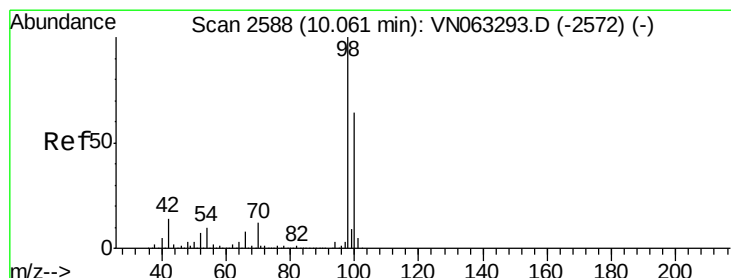
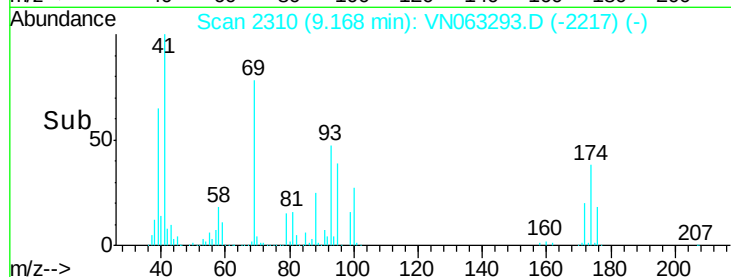
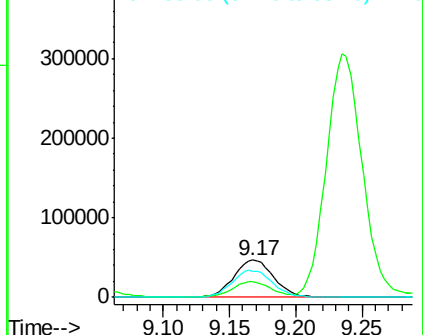
#49
1,4-Dioxane
Concen: 1079.272 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 98864
Ion Ratio Lower Upper
88 100
43 38.1 30.5 45.7
58 73.6 58.9 88.3

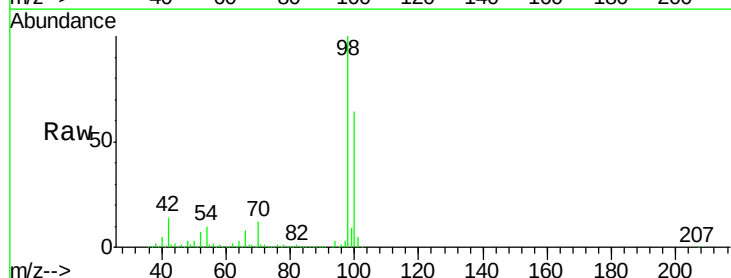


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

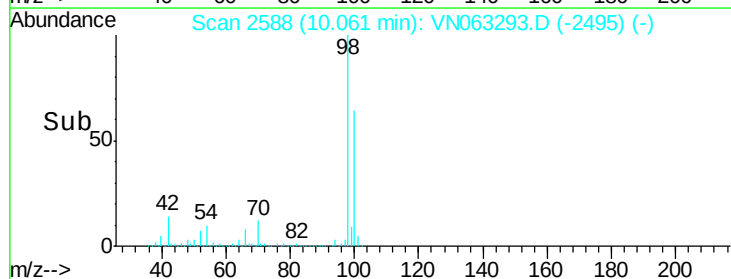
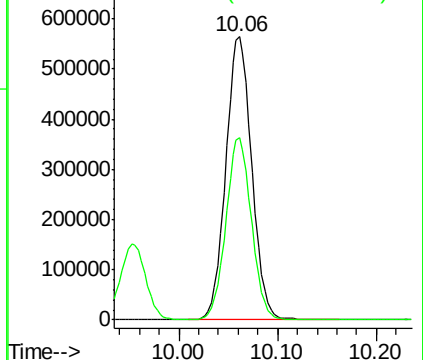


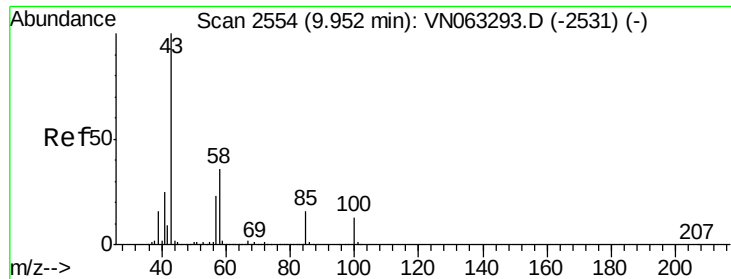
#50
Toluene-d8
Concen: 50.516 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 98 Resp: 1038298
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



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

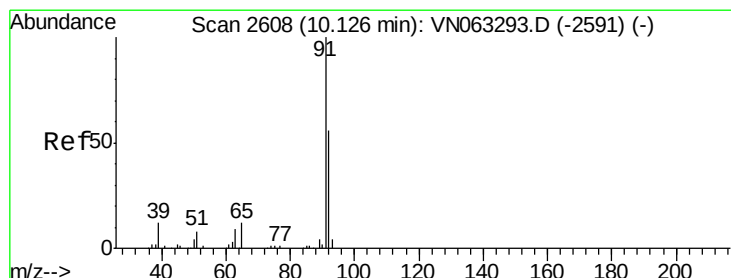
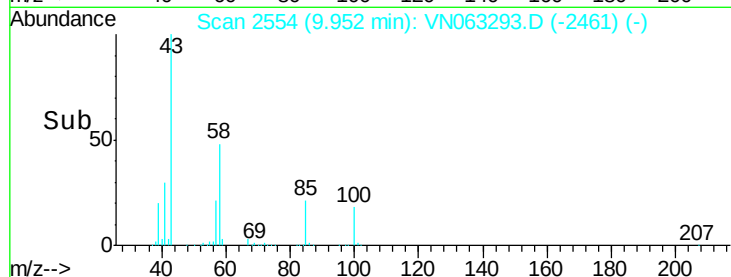
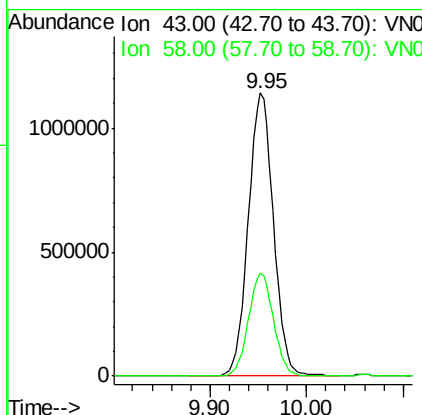
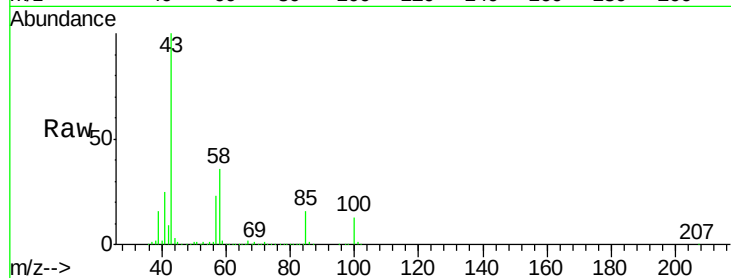




#51
 4-Methyl-2-Pentanone
 Concen: 288.083 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

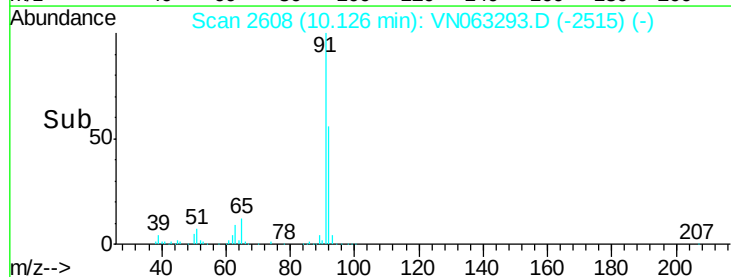
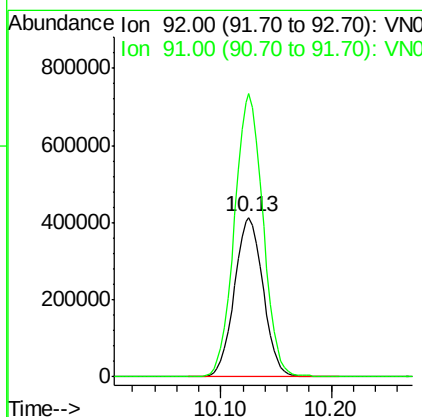
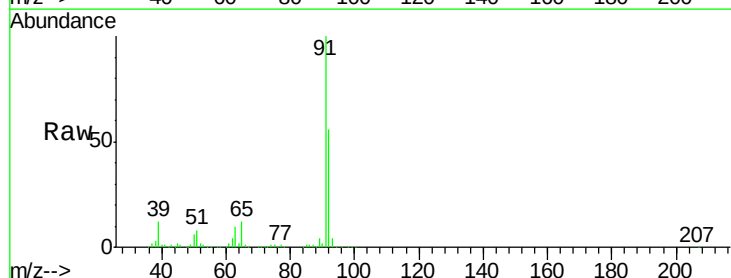
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

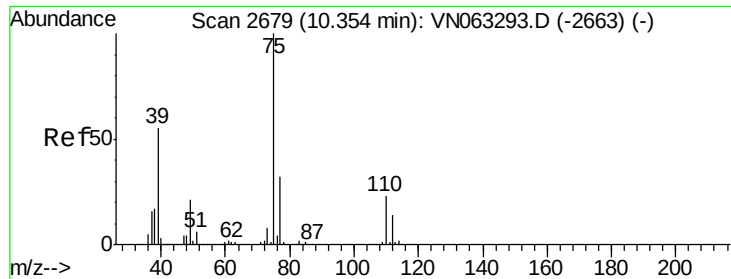
Tgt Ion: 43 Resp: 2060587
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.4



#52
 Toluene
 Concen: 51.023 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 92 Resp: 745927
 Ion Ratio Lower Upper
 92 100
 91 176.5 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 52.391 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

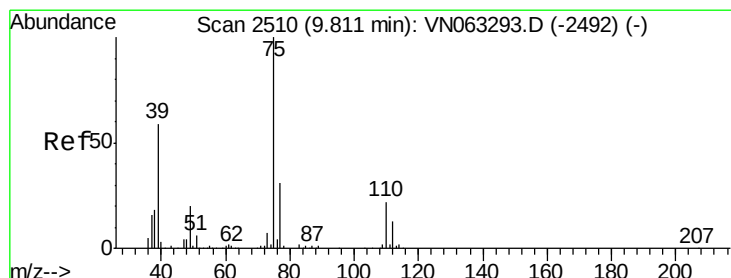
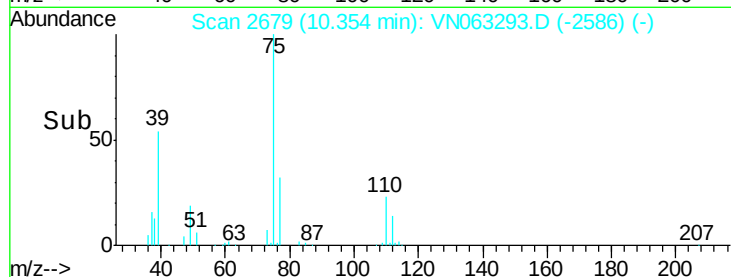
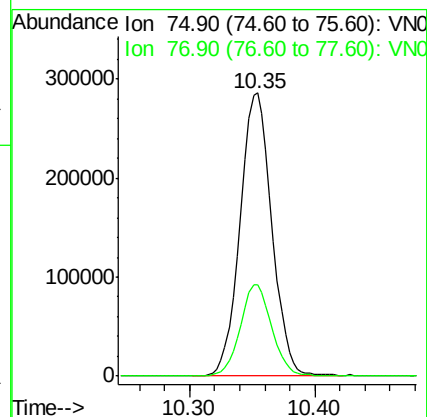
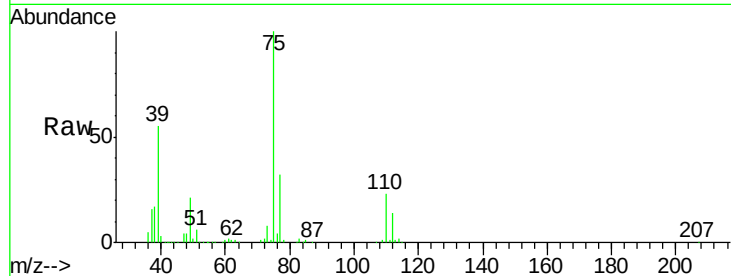
VSTDICCC050

Tgt Ion: 75 Resp: 503351

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 53.289 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

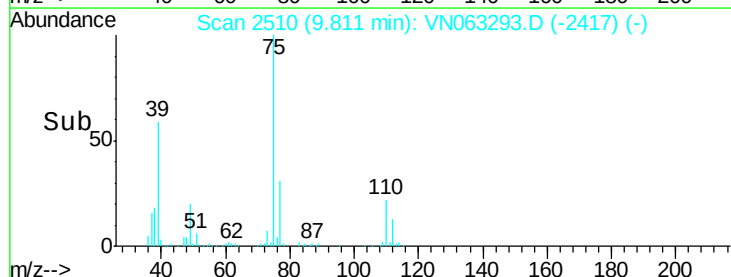
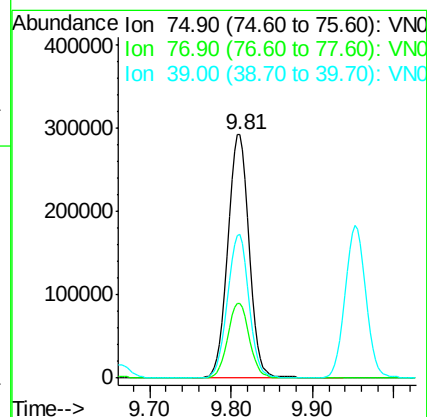
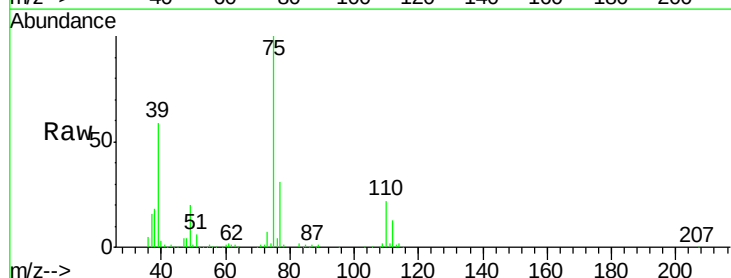
Tgt Ion: 75 Resp: 543178

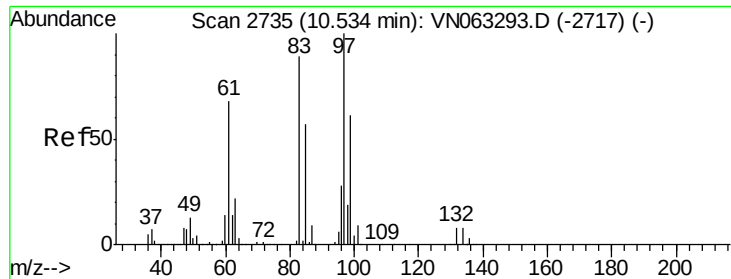
Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1

39 59.0 47.2 70.8

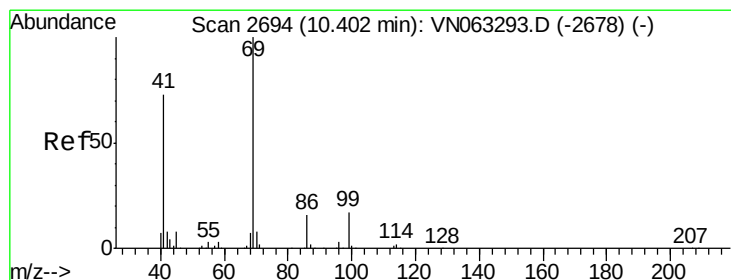
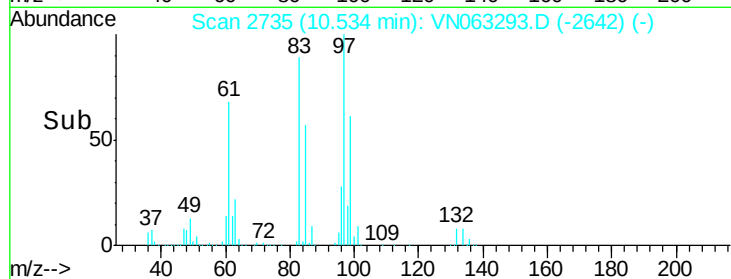
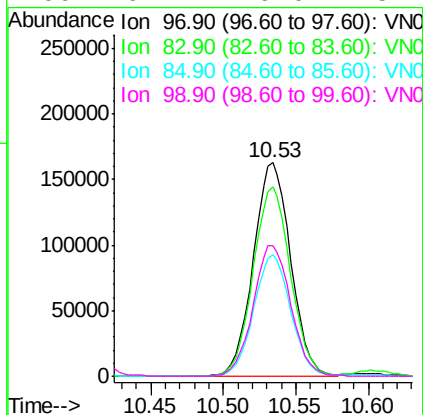
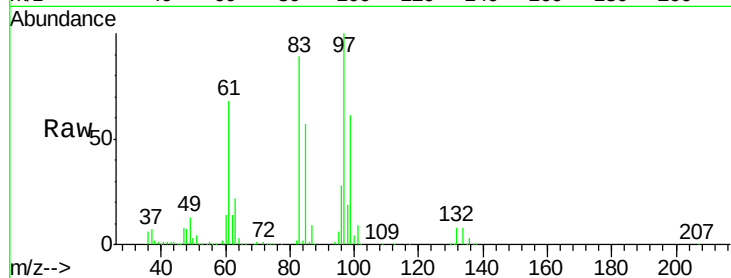




#55
 1,1,2-Trichloroethane
 Concen: 52.036 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

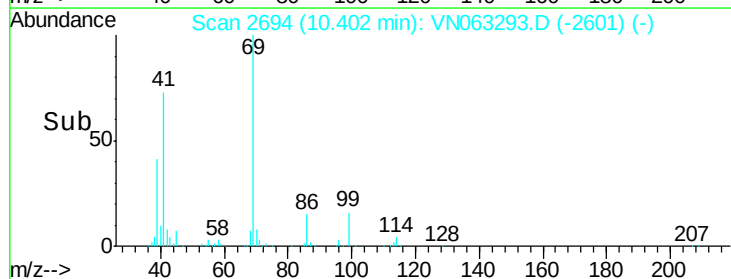
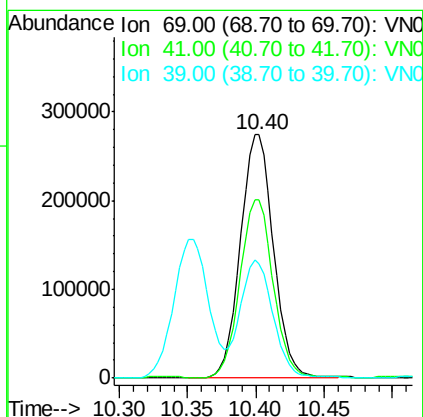
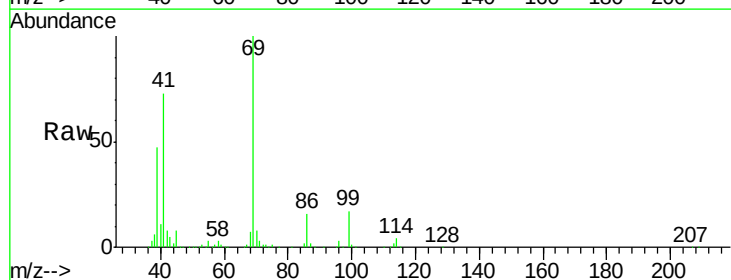
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

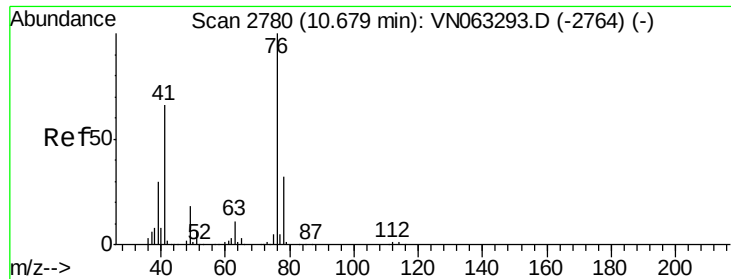
Tgt Ion: 97 Resp: 292078
 Ion Ratio Lower Upper
 97 100
 83 88.5 70.8 106.2
 85 57.0 45.6 68.4
 99 61.2 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 54.023 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 69 Resp: 462387
 Ion Ratio Lower Upper
 69 100
 41 73.0 58.4 87.6
 39 48.3 38.6 58.0

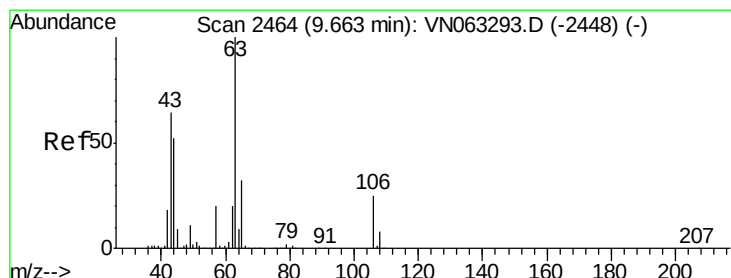
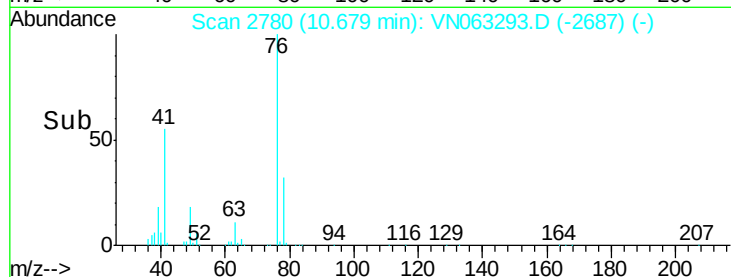
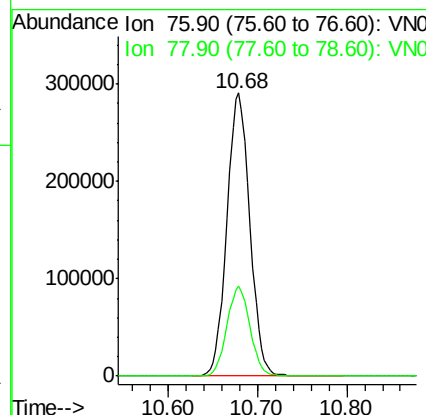
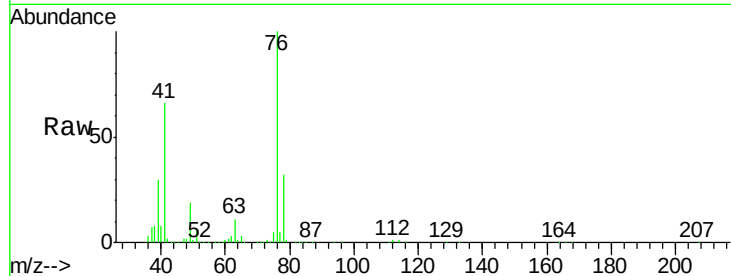




#57
 1,3-Dichloropropane
 Concen: 51.851 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

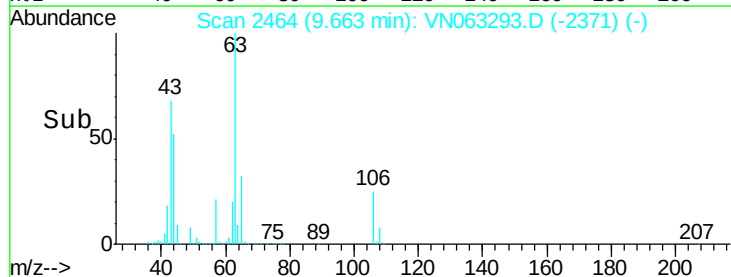
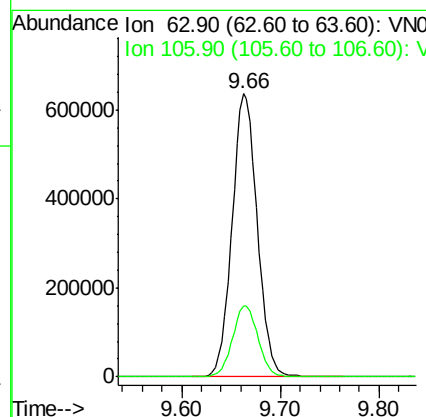
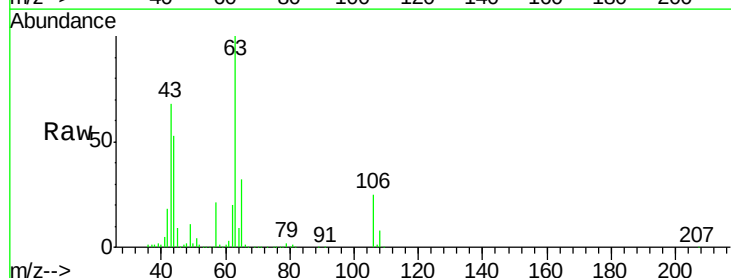
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

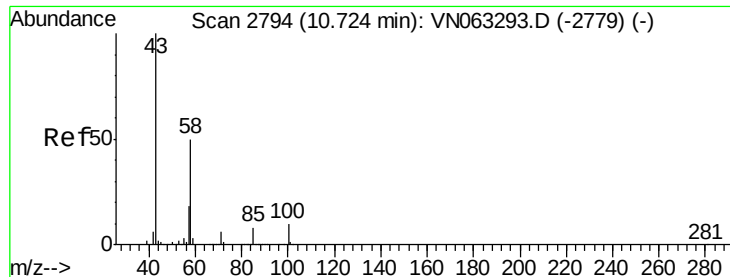
Tgt Ion: 76 Resp: 516823
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.559 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 63 Resp: 1138217
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.2 30.4





#59

2-Hexanone

Concen: 299.309 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

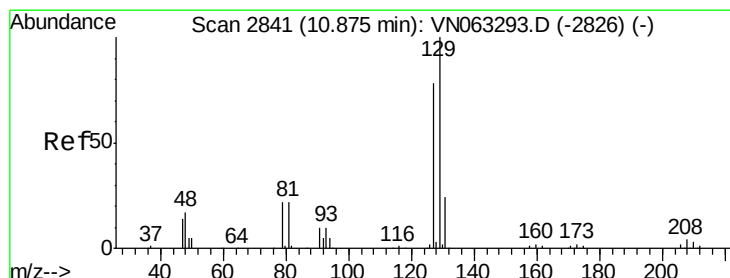
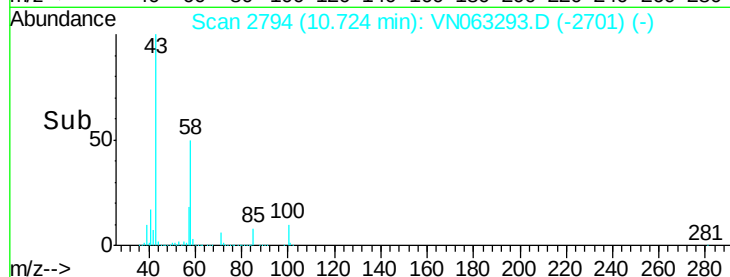
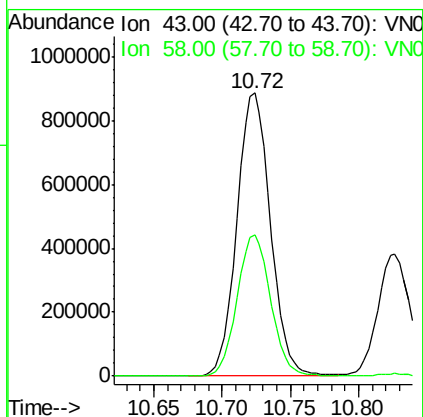
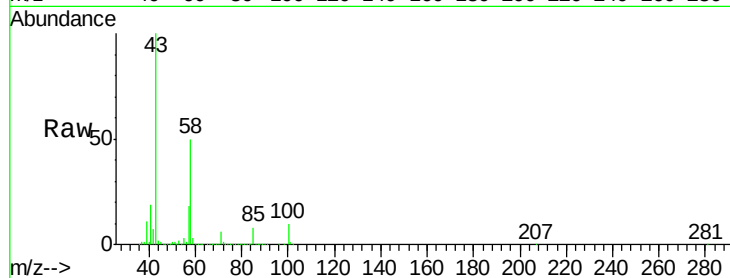
VSTDICCC050

Tgt Ion: 43 Resp: 1510393

Ion Ratio Lower Upper

43 100

58 50.2 25.1 75.3



#60

Dibromochloromethane

Concen: 53.021 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063293.D

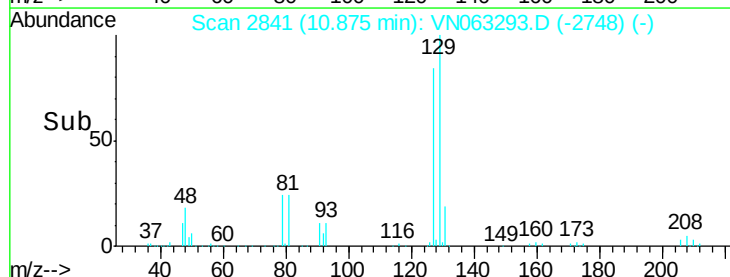
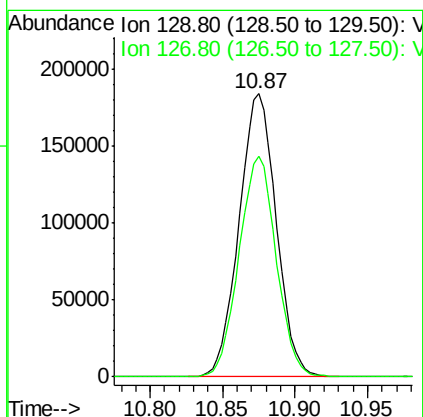
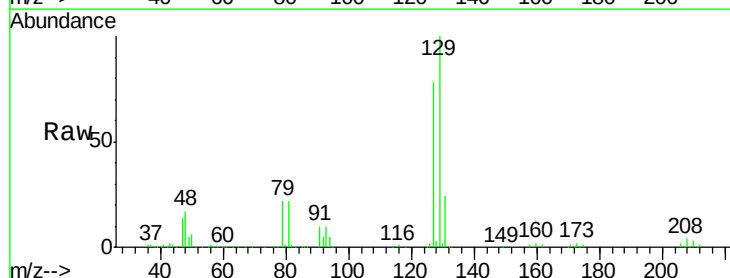
Acq: 10 Sep 2020 13:56

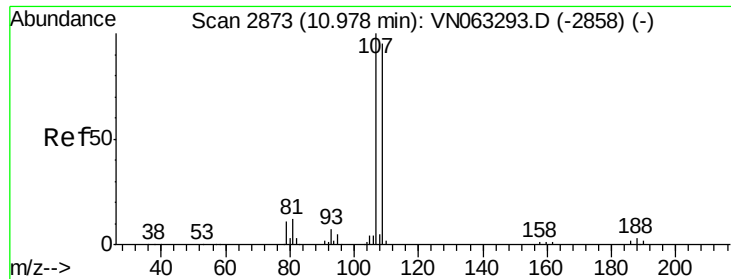
Tgt Ion: 129 Resp: 328891

Ion Ratio Lower Upper

129 100

127 78.0 39.0 117.0

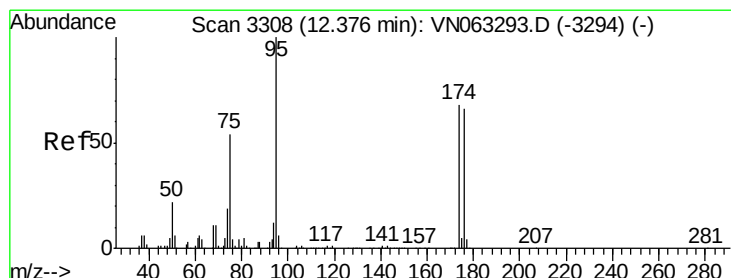
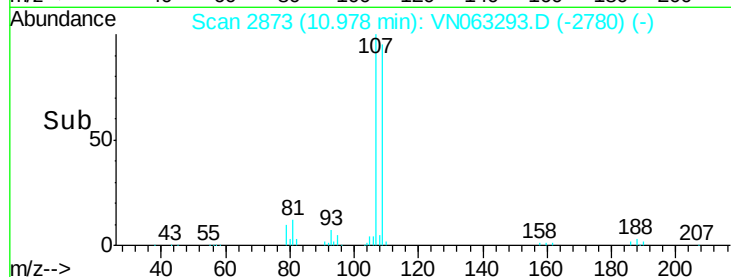
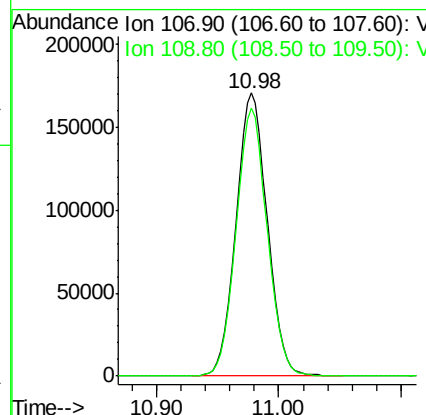
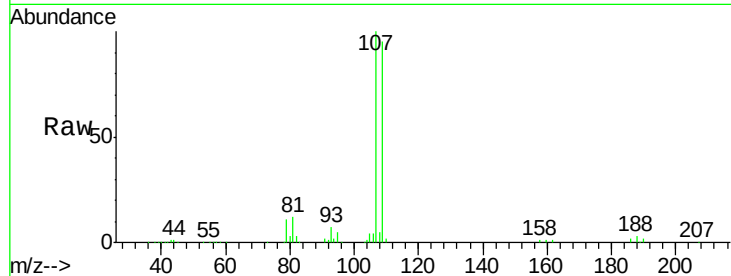




#61
 1,2-Dibromoethane
 Concen: 52.100 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

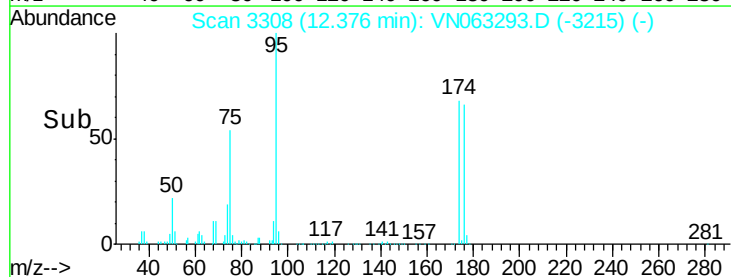
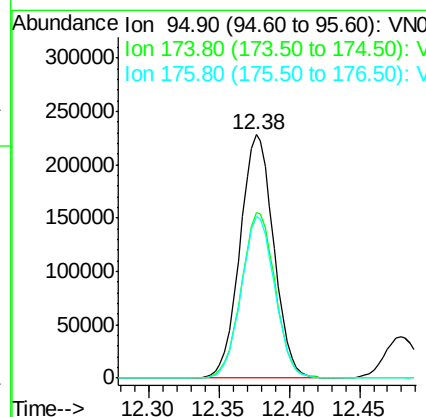
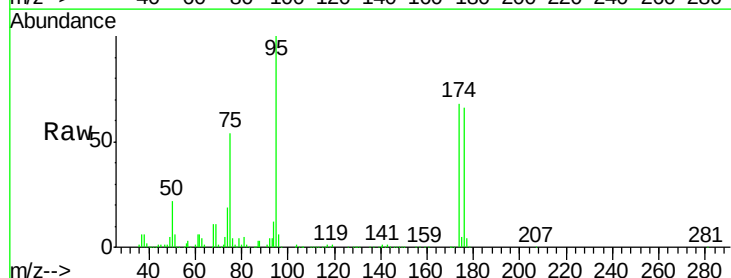
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

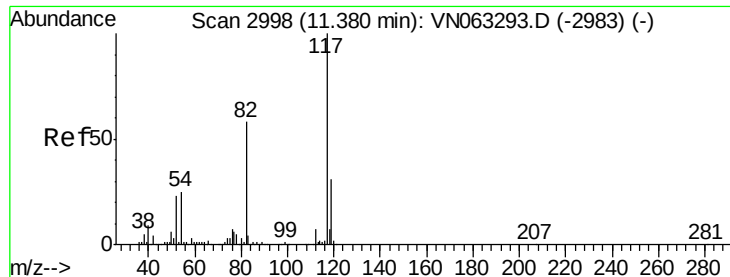
Tgt Ion: 107 Resp: 302607
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 52.787 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 95 Resp: 382249
 Ion Ratio Lower Upper
 95 100
 174 68.3 0.0 136.6
 176 66.4 0.0 132.8

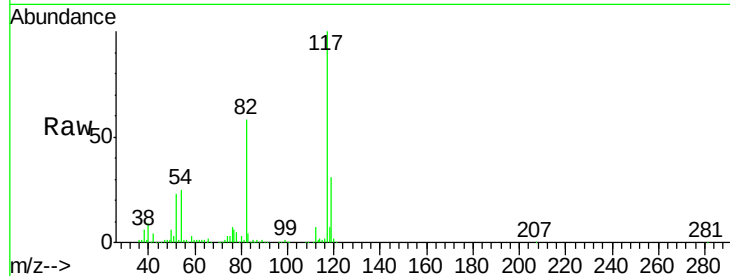




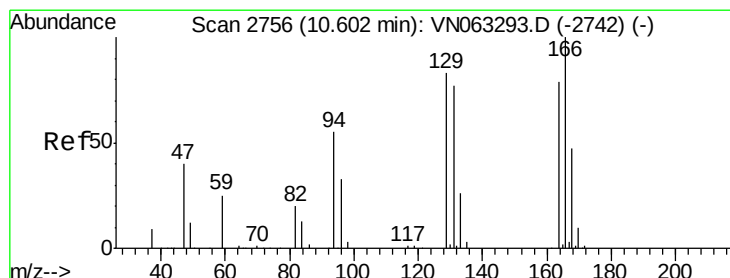
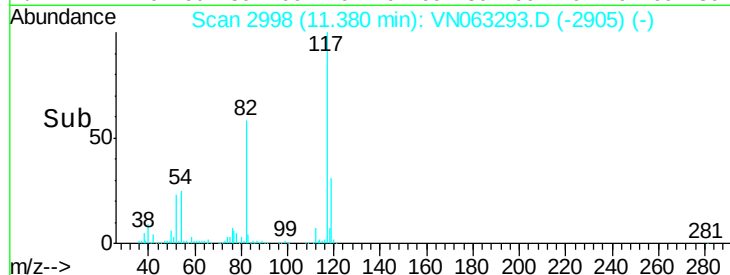
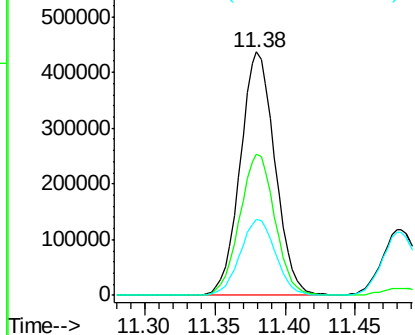
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tgt Ion:117 Resp: 753436
Ion Ratio Lower Upper
117 100
82 58.0 46.4 69.6
119 31.0 24.8 37.2

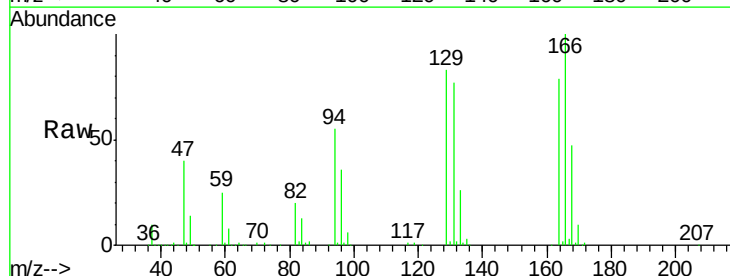


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

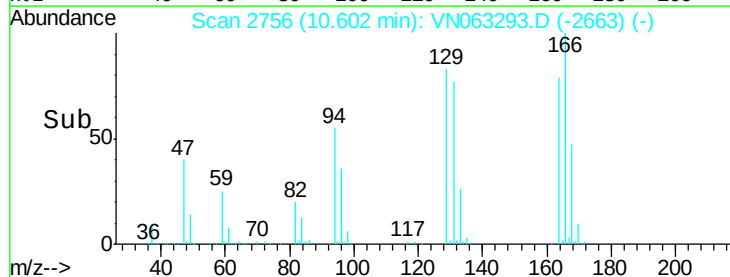
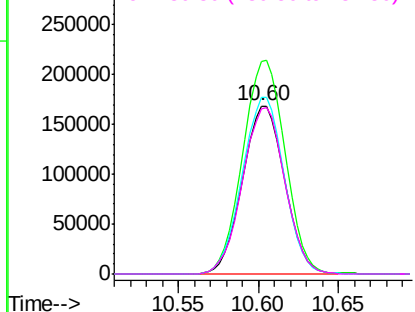


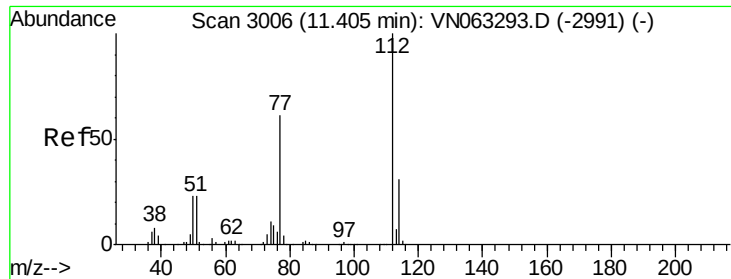
#64
Tetrachloroethene
Concen: 54.893 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion:164 Resp: 303453
Ion Ratio Lower Upper
164 100
166 126.6 101.3 151.9
129 104.6 83.7 125.5
131 97.8 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 52.367 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

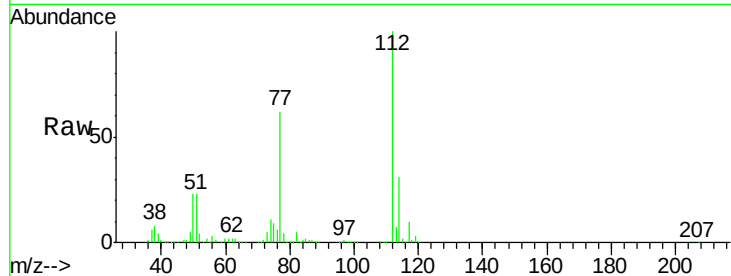
VSTDICCC050

Tgt Ion:112 Resp: 793348

Ion Ratio Lower Upper

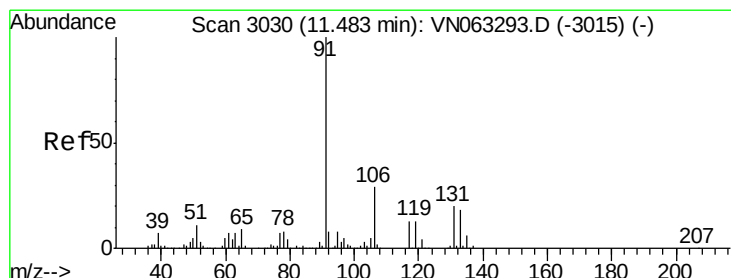
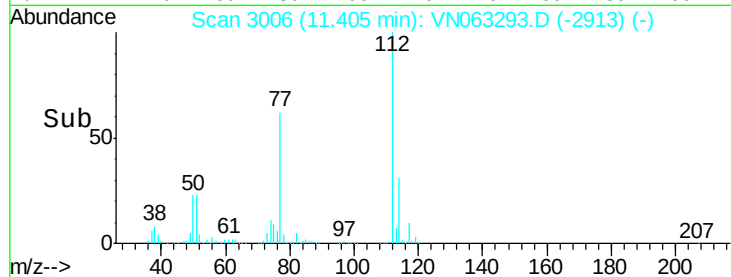
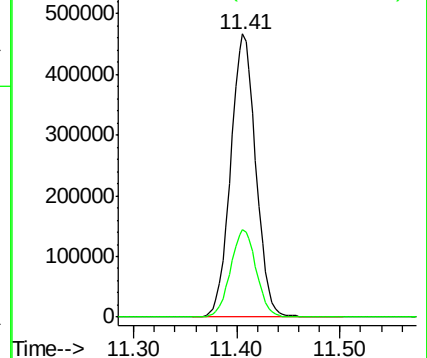
112 100

114 30.7 24.6 36.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.527 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

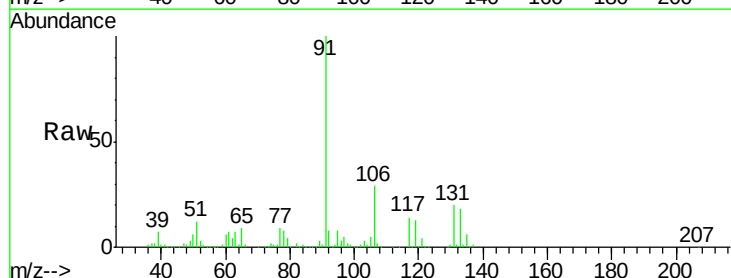
Tgt Ion:131 Resp: 293757

Ion Ratio Lower Upper

131 100

133 94.8 47.4 142.2

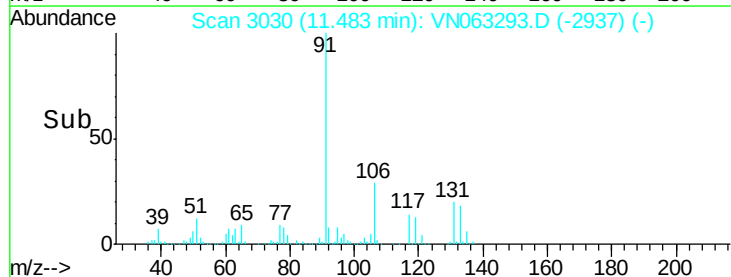
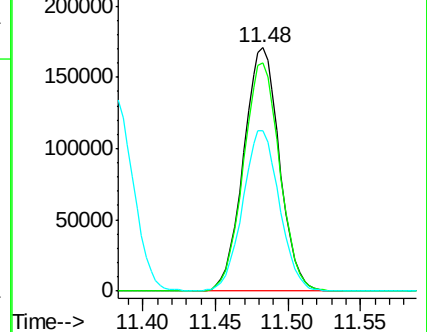
119 67.5 33.8 101.3

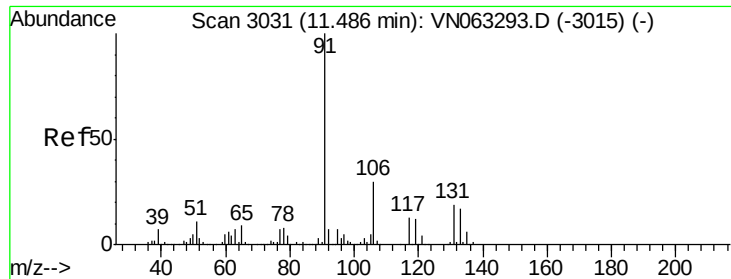


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.513 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

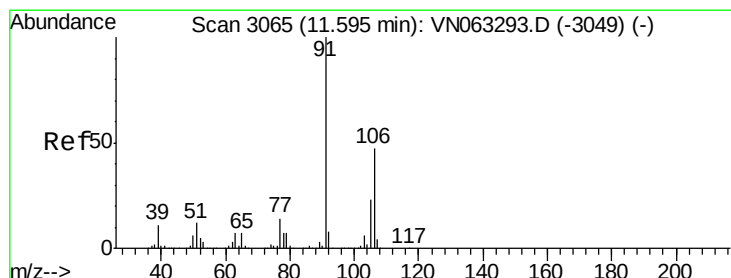
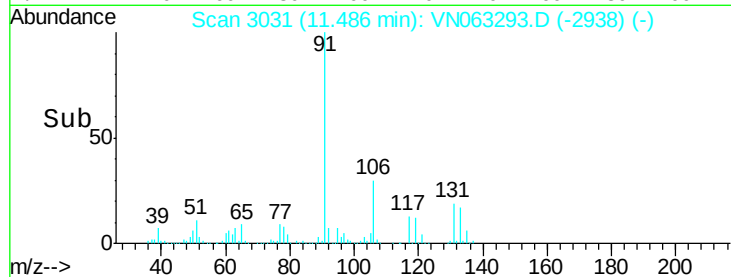
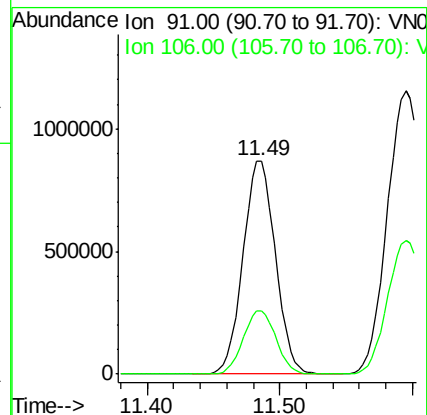
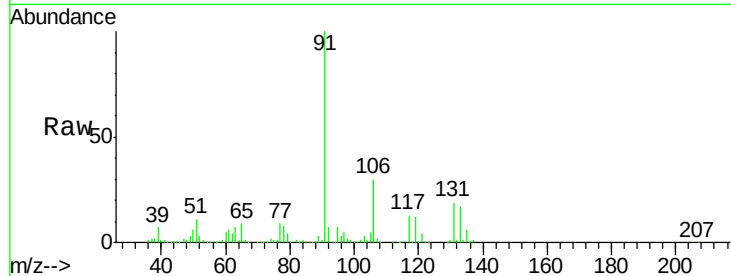
VSTDICCC050

Tgt Ion: 91 Resp: 1477933

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 104.566 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063293.D

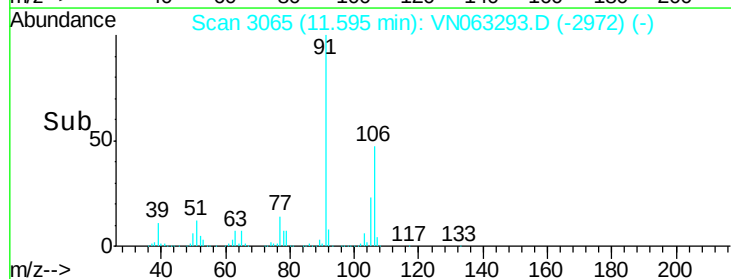
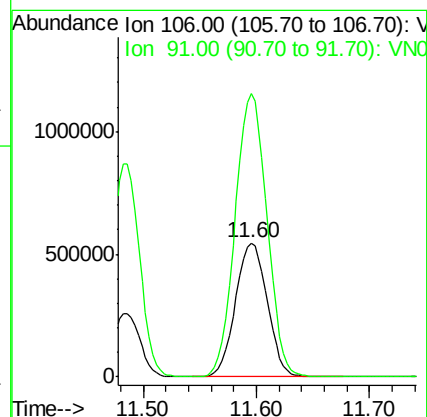
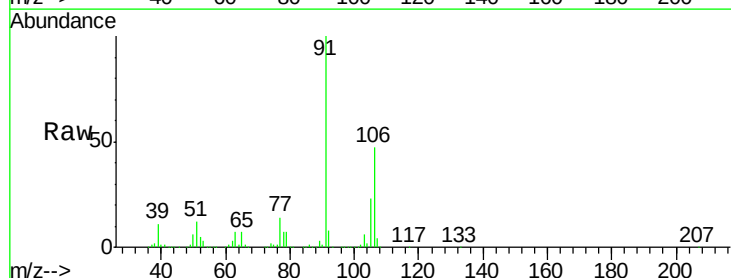
Acq: 10 Sep 2020 13:56

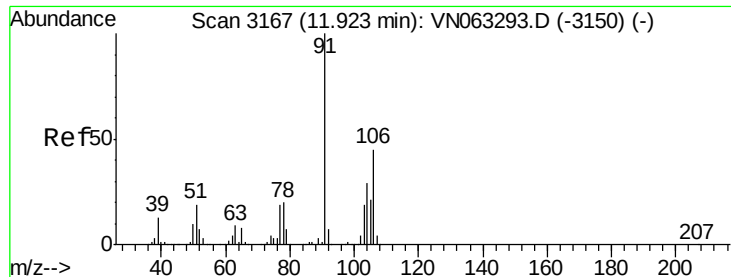
Tgt Ion: 106 Resp: 1066037

Ion Ratio Lower Upper

106 100

91 212.3 169.8 254.8

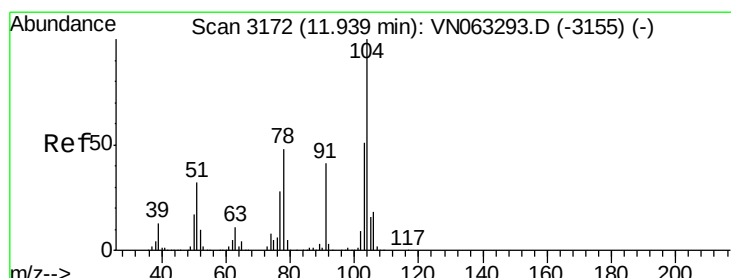
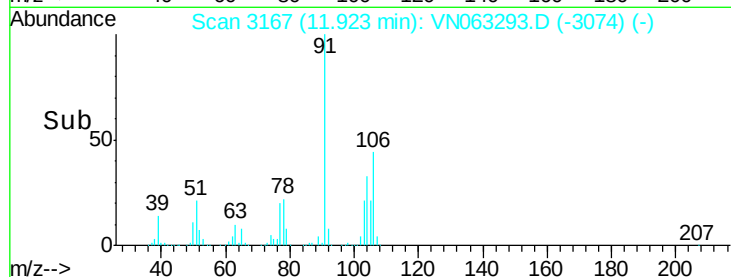
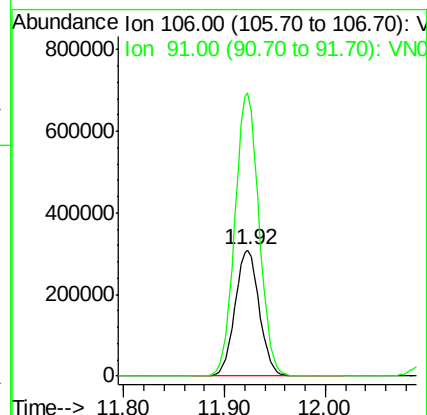
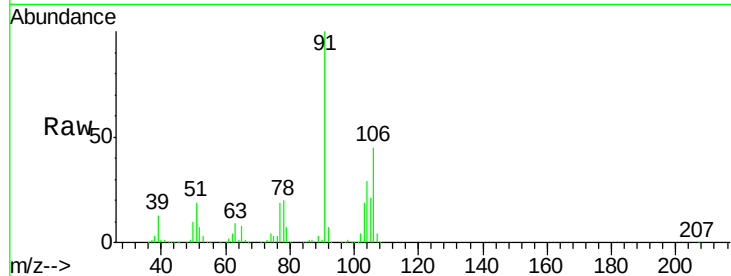




#69
o-Xylene
Concen: 52.676 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

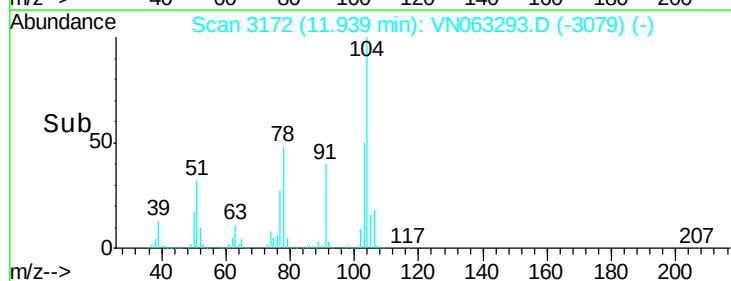
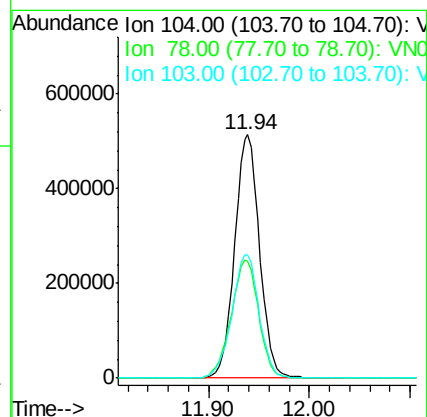
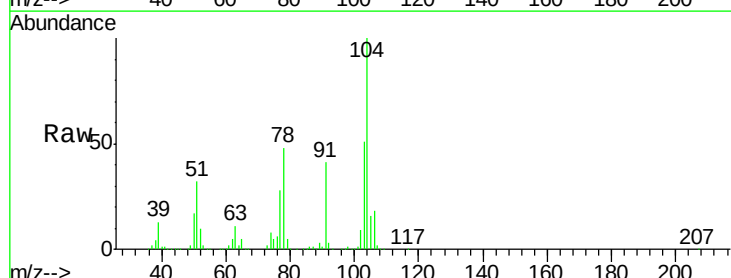
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

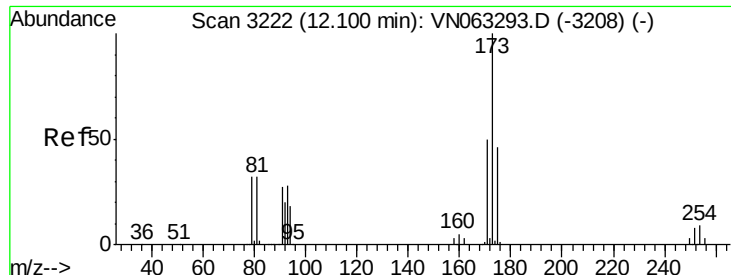
Tgt Ion:106 Resp: 518935
Ion Ratio Lower Upper
106 100
91 222.9 111.5 334.4



#70
Styrene
Concen: 52.366 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion:104 Resp: 883773
Ion Ratio Lower Upper
104 100
78 53.6 42.9 64.3
103 55.2 44.2 66.2





#71

Bromoform

Concen: 54.784 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

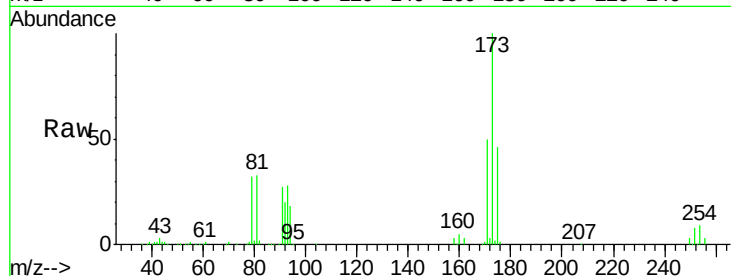
Tgt Ion:173 Resp: 209224

Ion Ratio Lower Upper

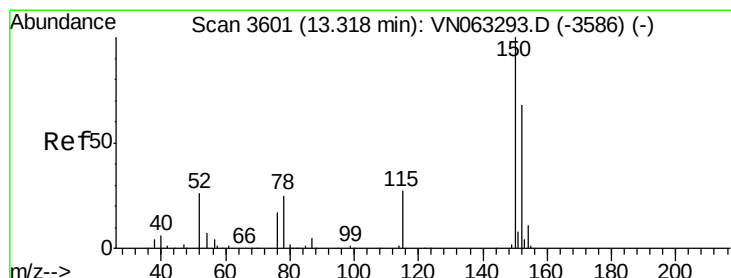
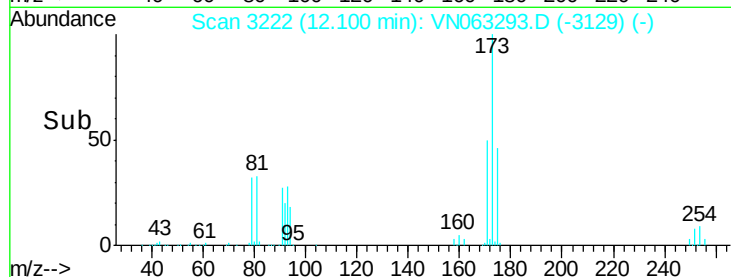
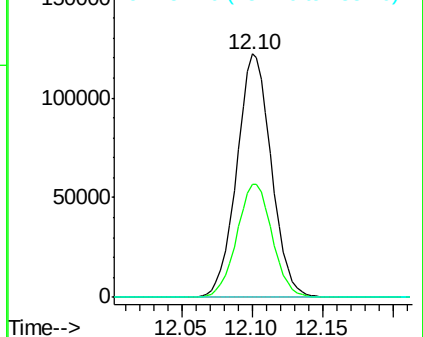
173 100

175 47.7 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: VN063293.D

Acq: 10 Sep 2020 13:56

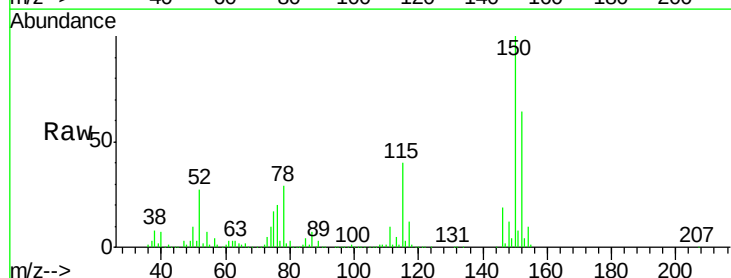
Tgt Ion:152 Resp: 352128

Ion Ratio Lower Upper

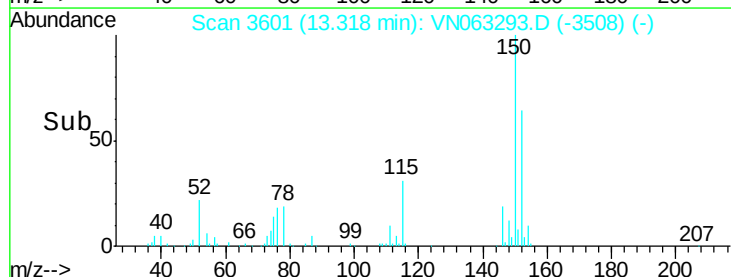
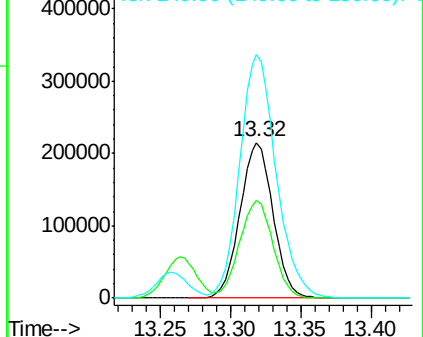
152 100

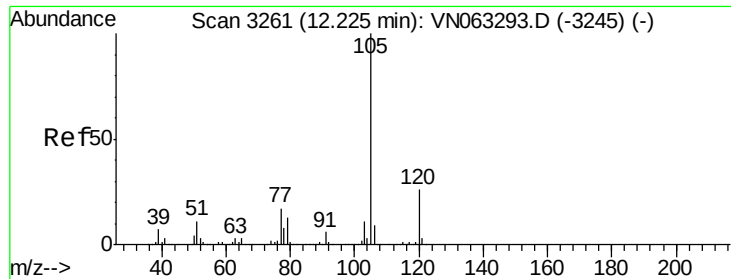
115 63.0 31.5 94.5

150 172.0 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: 52.124 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

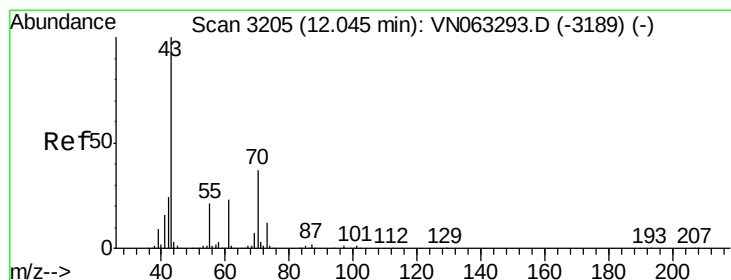
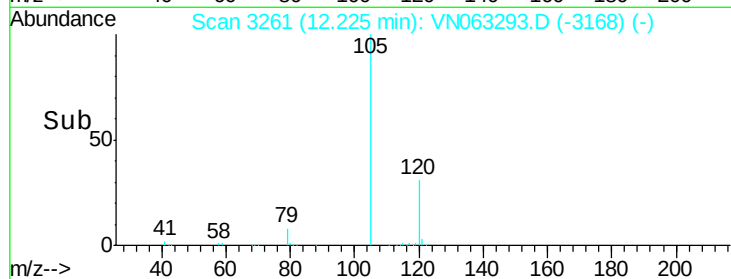
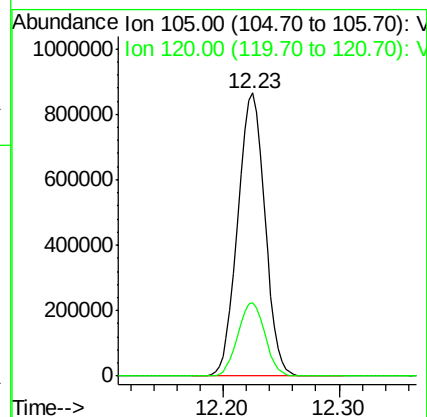
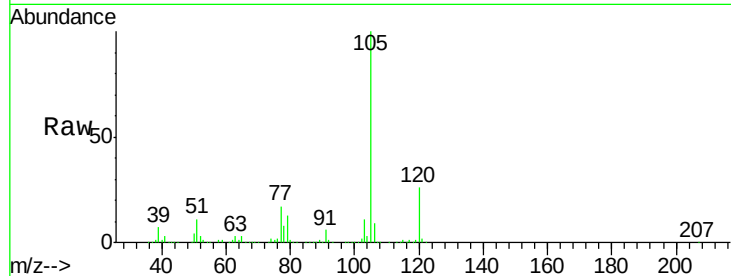
VSTDICCC050

Tgt Ion: 105 Resp: 1395919

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 56.157 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion: 43 Resp: 628491

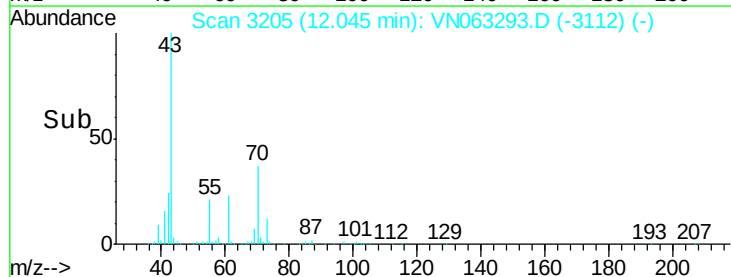
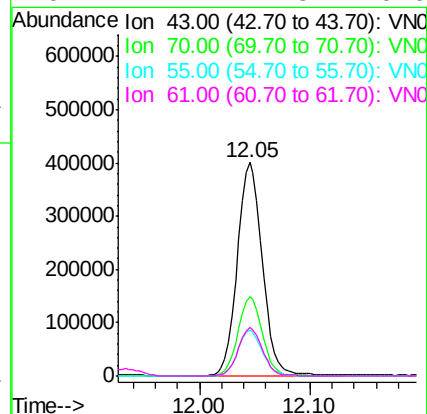
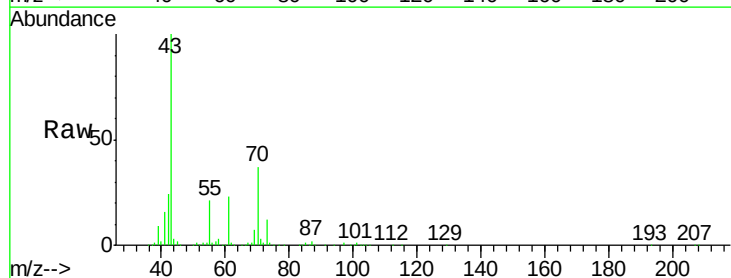
Ion Ratio Lower Upper

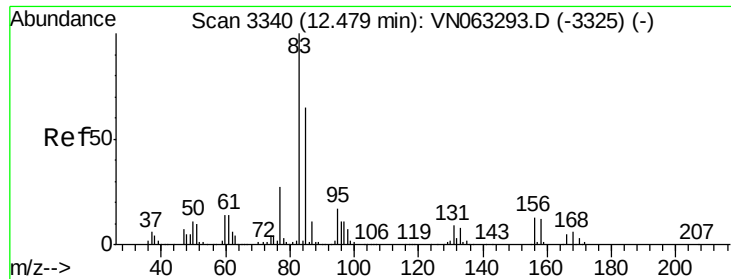
43 100

70 36.6 29.3 43.9

55 21.3 17.0 25.6

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.025 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

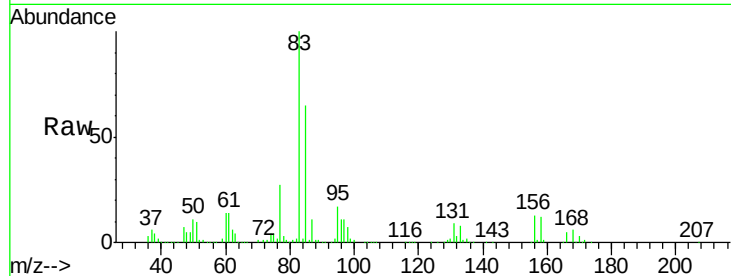
Tgt Ion: 83 Resp: 392698

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

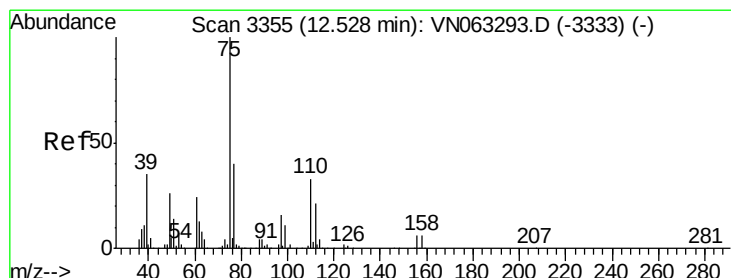
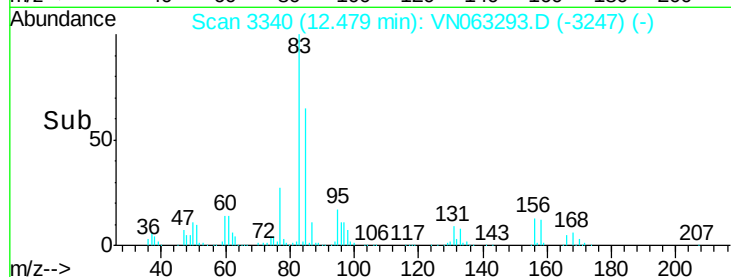
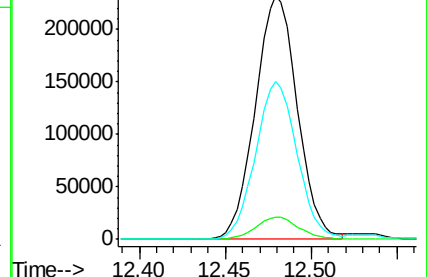
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN063293.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063293.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063293.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 73.804 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063293.D

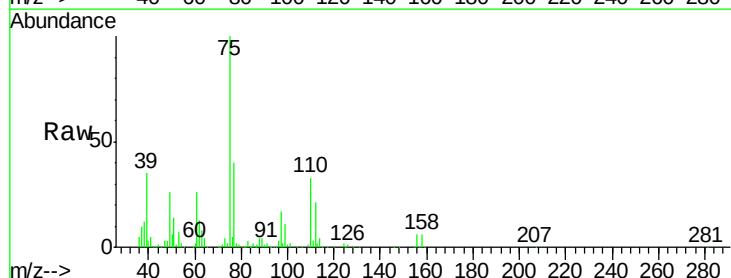
Acq: 10 Sep 2020 13:56

Tgt Ion: 75 Resp: 555839

Ion Ratio Lower Upper

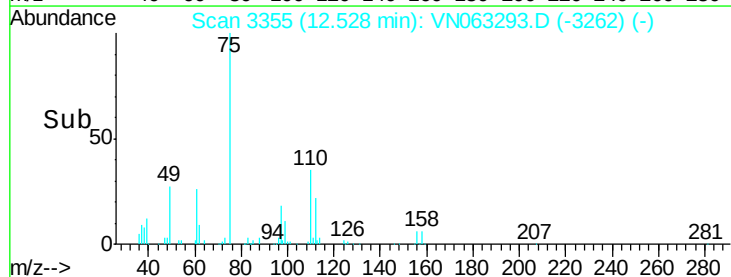
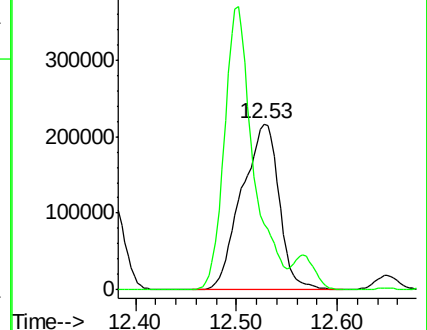
75 100

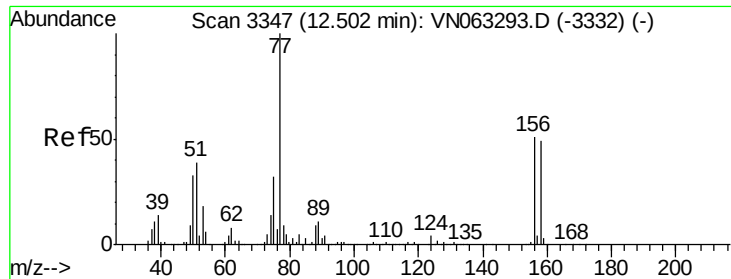
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063293.D (-3333) (-)

Ion 77.00 (76.70 to 77.70): VN063293.D (-3333) (-)





#77

Bromobenzene

Concen: 51.844 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

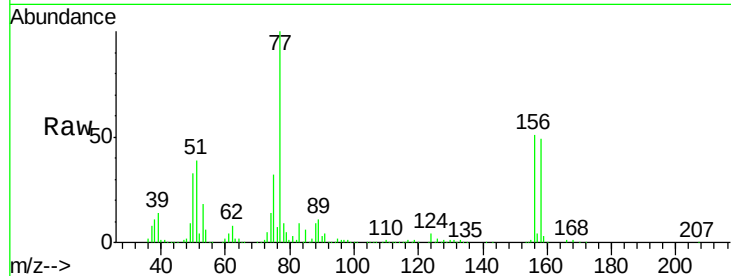
Tgt Ion:156 Resp: 315547

Ion Ratio Lower Upper

156 100

77 234.8 117.4 352.2

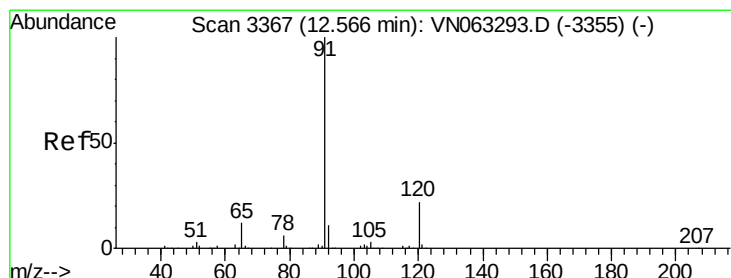
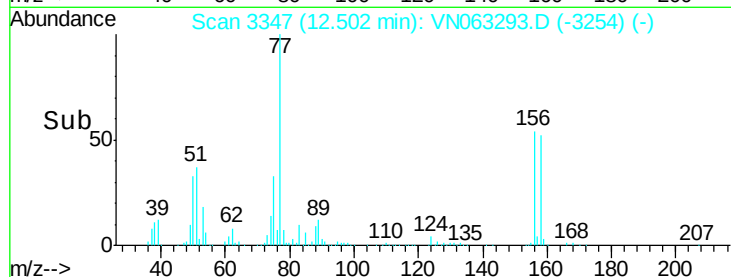
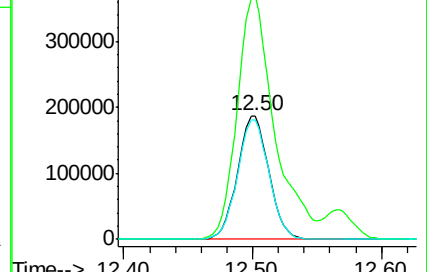
158 97.6 48.8 146.4



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: 52.869 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063293.D

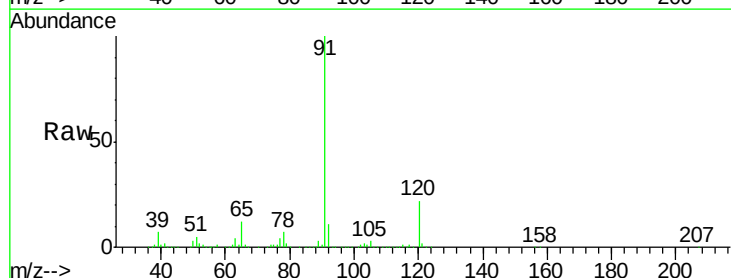
Acq: 10 Sep 2020 13:56

Tgt Ion: 91 Resp: 1638307

Ion Ratio Lower Upper

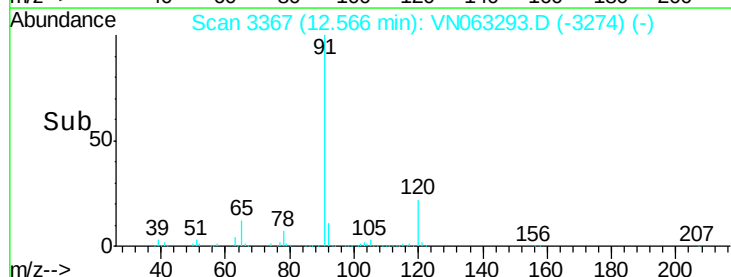
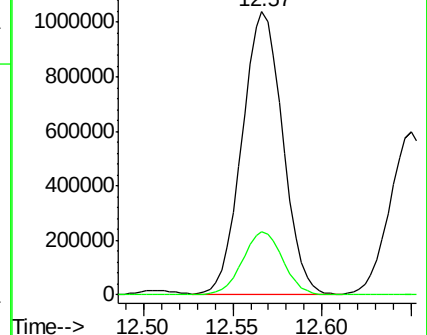
91 100

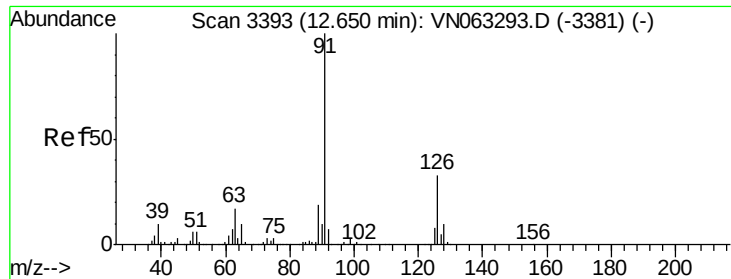
120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

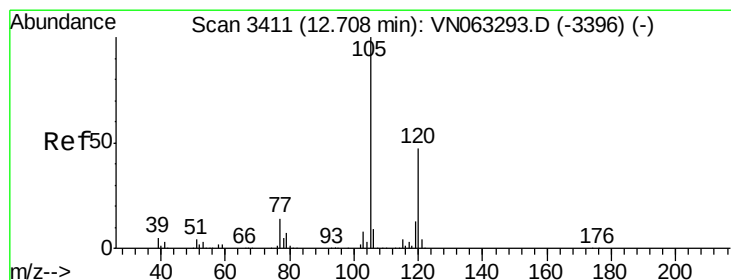
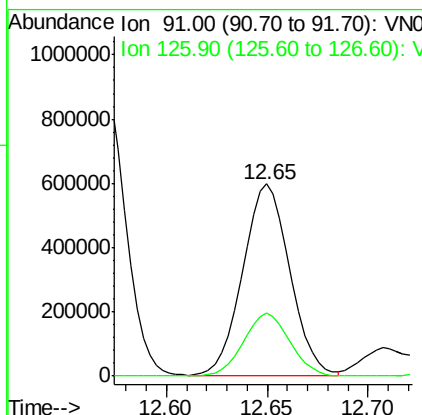
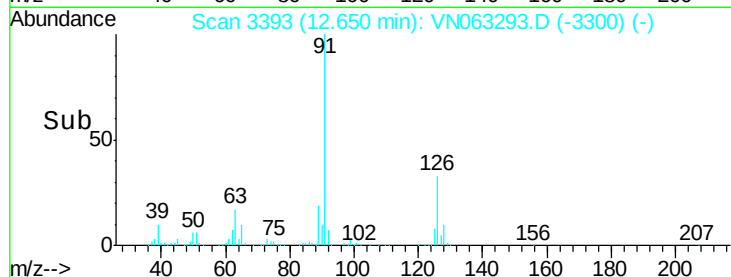
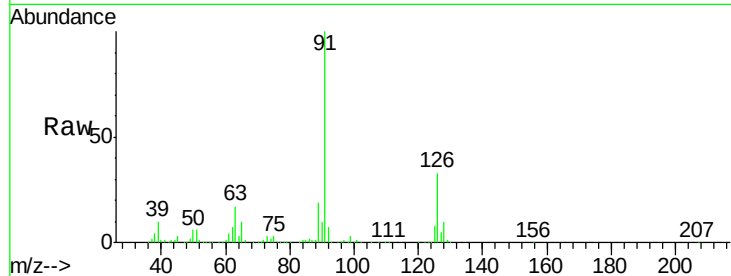




#79
 2-Chlorotoluene
 Concen: 52.222 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

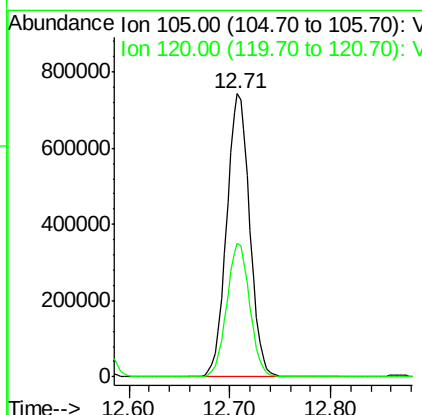
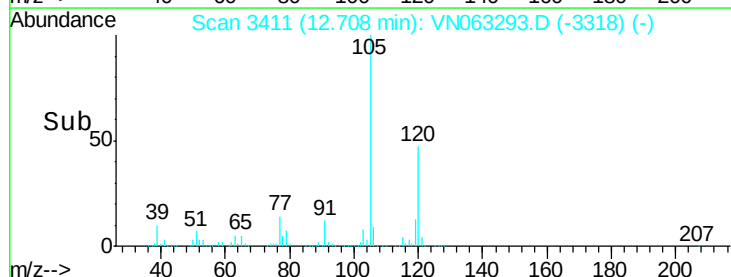
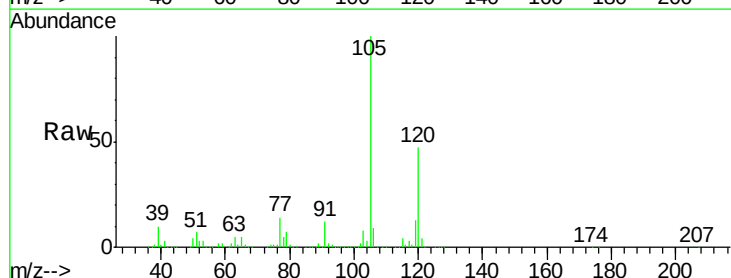
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

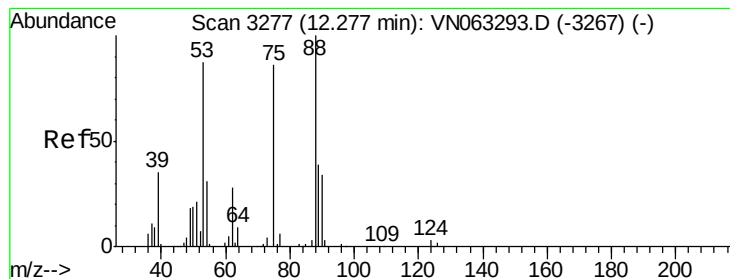
Tgt Ion: 91 Resp: 971857
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 52.892 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 105 Resp: 1184184
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.623 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

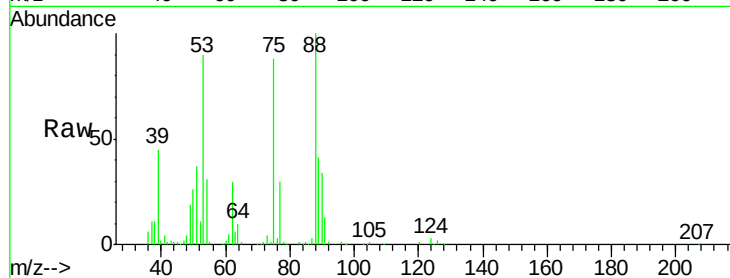
Tgt Ion: 75 Resp: 146190

Ion Ratio Lower Upper

75 100

53 102.3 81.8 122.8

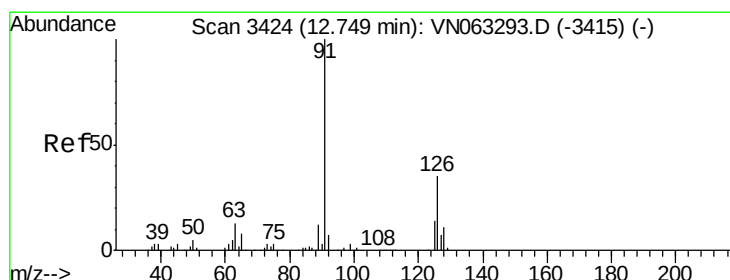
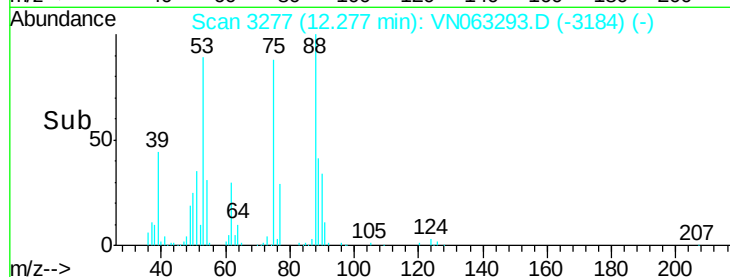
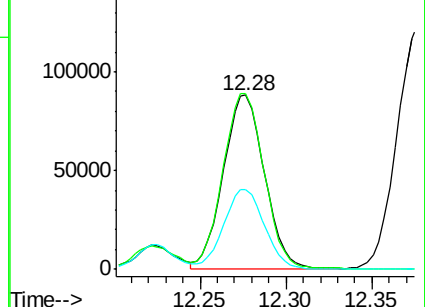
89 45.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN063293.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN063293.D (-3267) (-)

Ion 88.90 (88.60 to 89.60): VN063293.D (-3267) (-)



#82

4-Chlorotoluene

Concen: 52.237 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063293.D

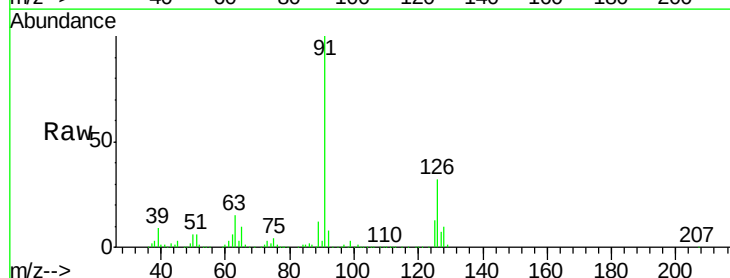
Acq: 10 Sep 2020 13:56

Tgt Ion: 91 Resp: 1007188

Ion Ratio Lower Upper

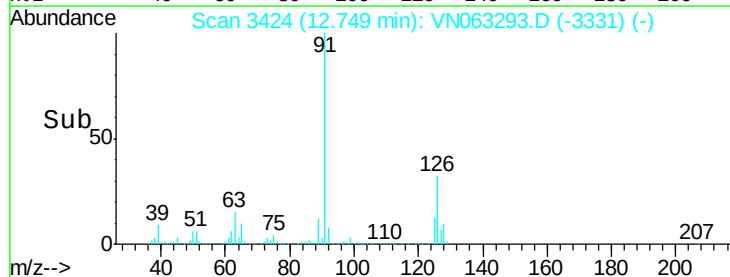
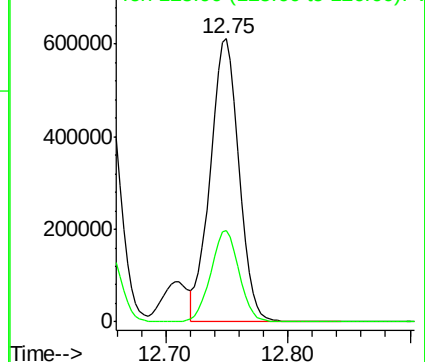
91 100

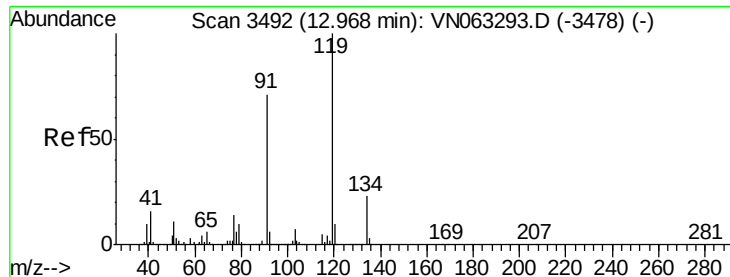
126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063293.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063293.D (-3415) (-)





#83

tert-Butylbenzene

Concen: 50.983 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

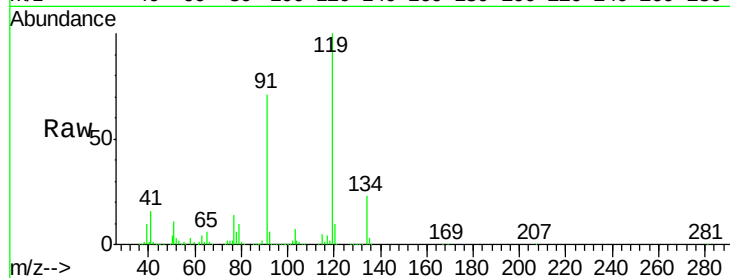
Tgt Ion:119 Resp: 974272

Ion Ratio Lower Upper

119 100

91 69.5 34.8 104.3

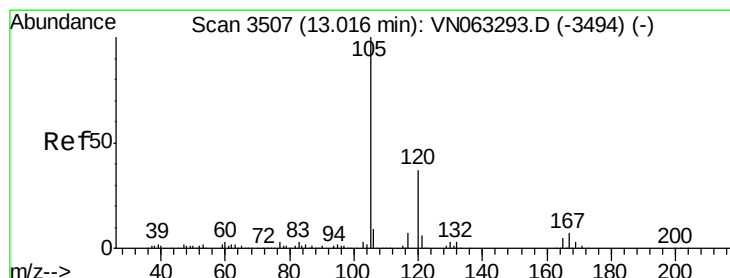
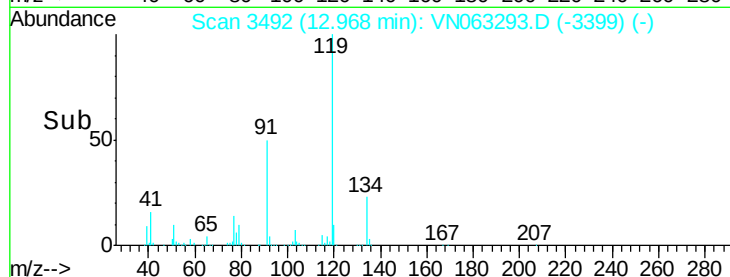
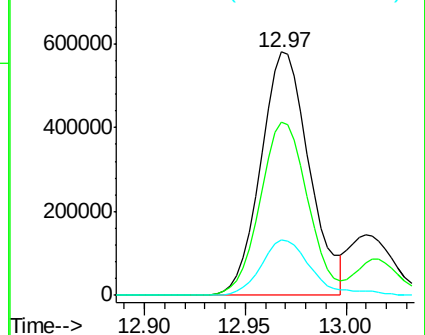
134 23.7 11.9 35.5



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: 52.989 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063293.D

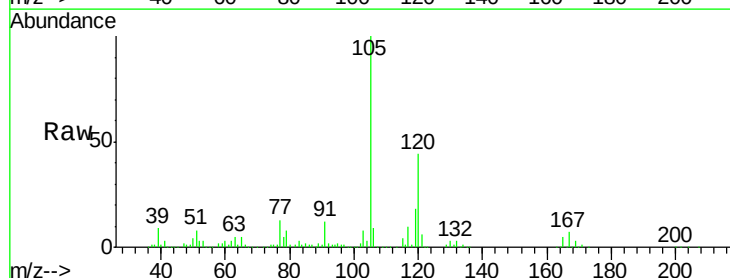
Acq: 10 Sep 2020 13:56

Tgt Ion:105 Resp: 1195667

Ion Ratio Lower Upper

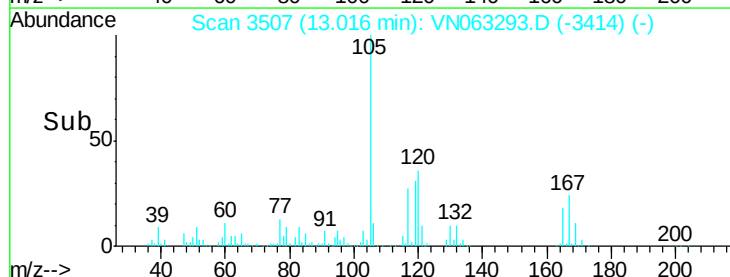
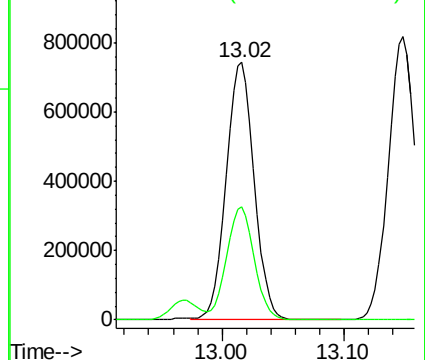
105 100

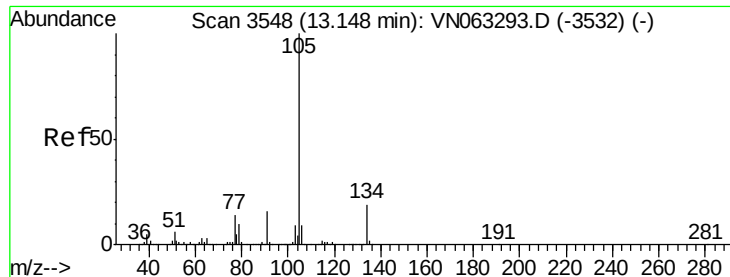
120 43.6 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.923 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

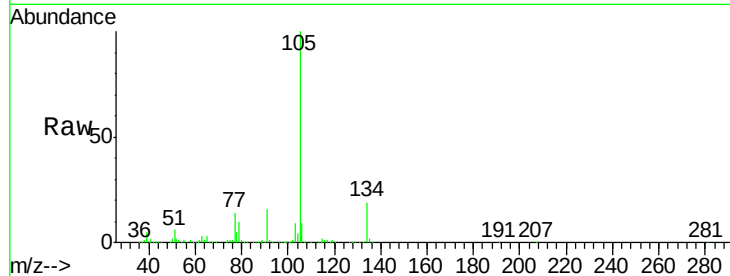
VSTDICCC050

Tgt Ion:105 Resp: 1287122

Ion Ratio Lower Upper

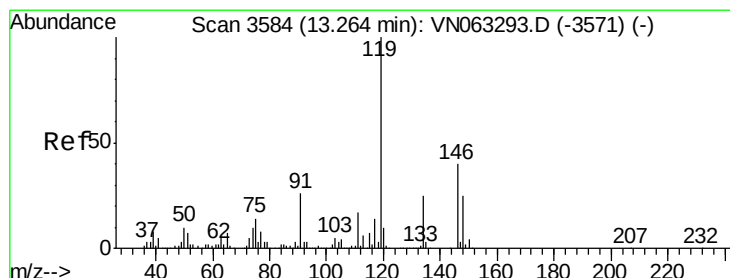
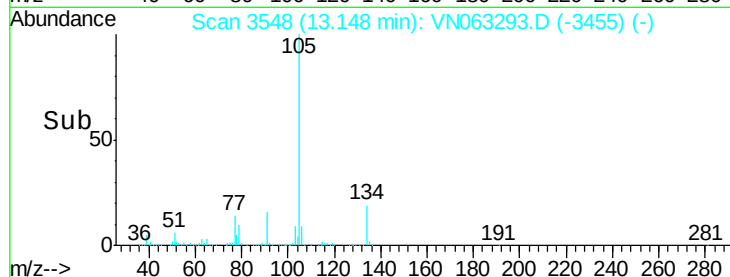
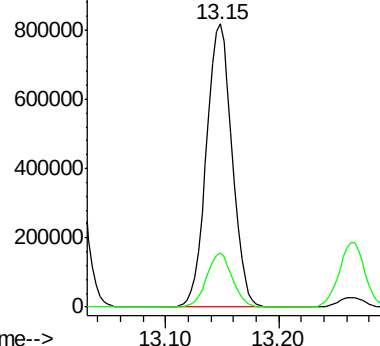
105 100

134 18.9 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.147 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

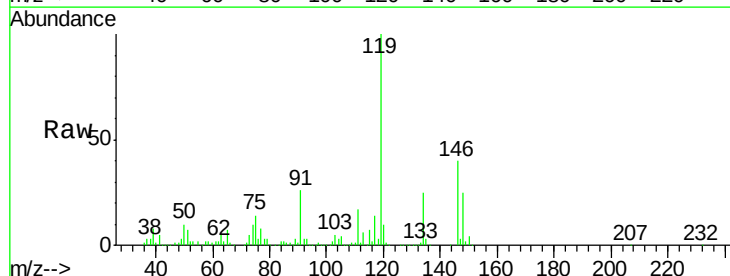
Tgt Ion:119 Resp: 1172533

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

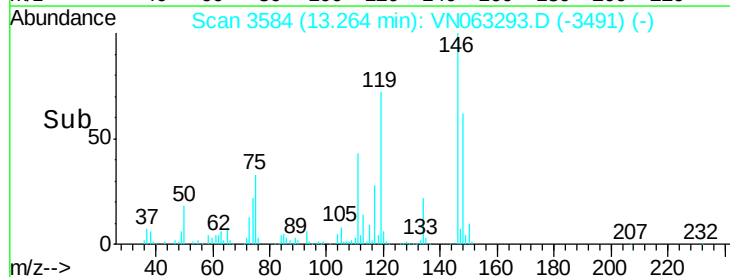
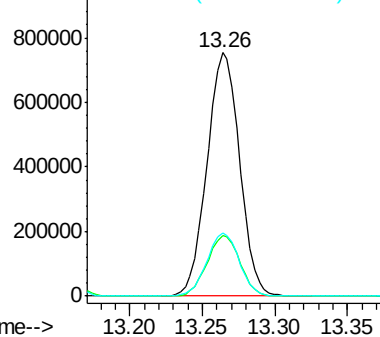
91 25.5 12.8 38.3

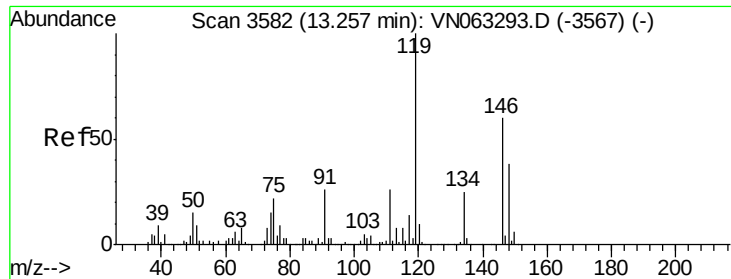


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

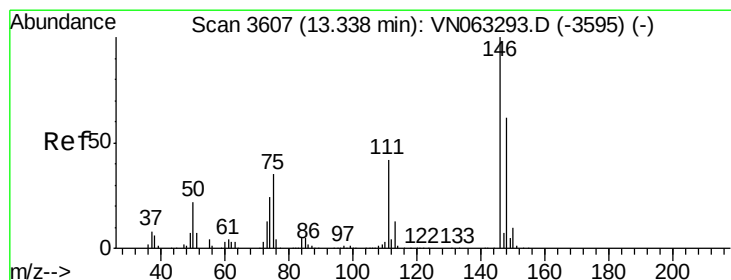
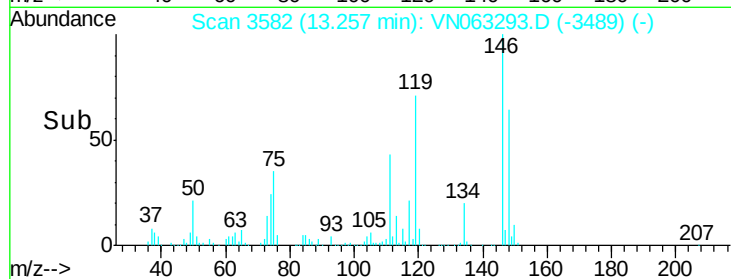
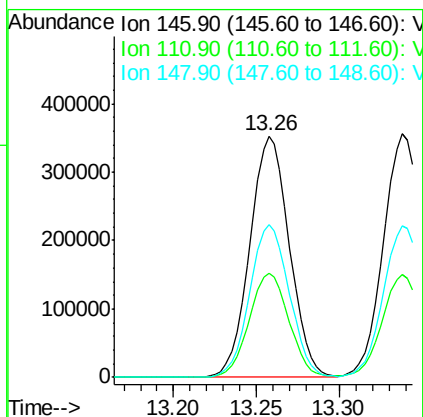
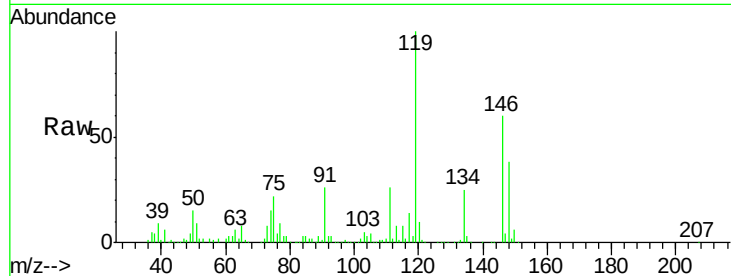




#87
 1,3-Dichlorobenzene
 Concen: 52.269 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

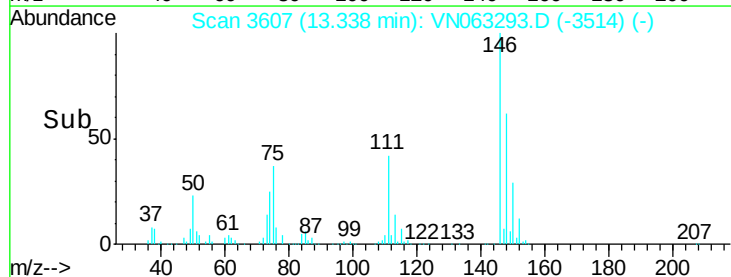
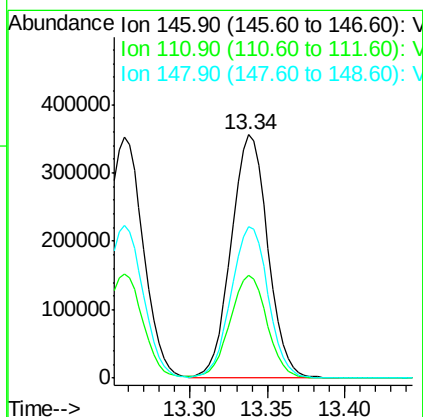
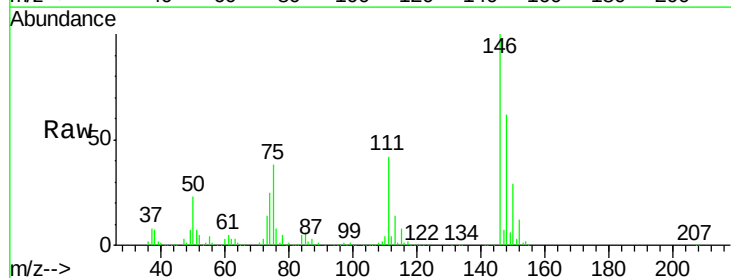
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

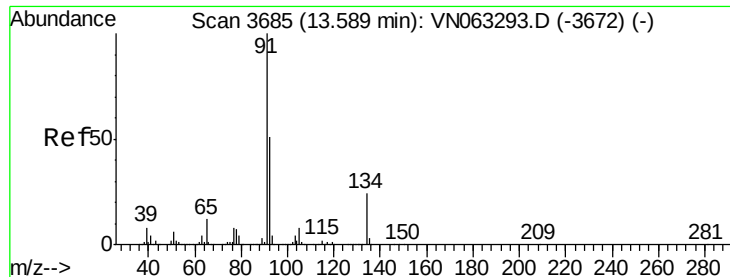
Tgt Ion:146 Resp: 582960
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.8 65.4
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.647 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion:146 Resp: 582752
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 64.0
 148 63.0 31.5 94.5





#89

n-Butylbenzene

Concen: 52.469 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

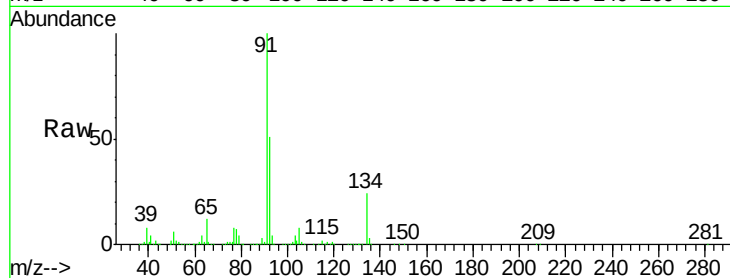
Tgt Ion: 91 Resp: 1070927

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.3

134 24.0 12.0 36.0

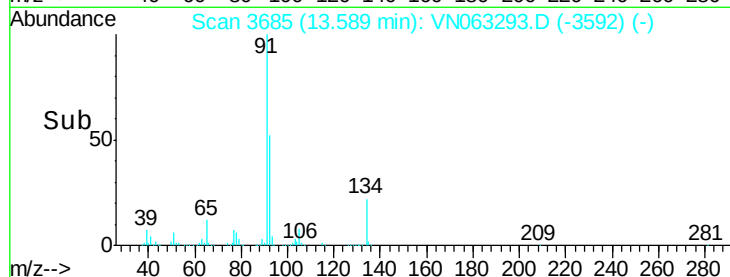


Abundance Ion 91.00 (90.70 to 91.70): VN063293.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063293.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063293.D (-3672) (-)

Time-->

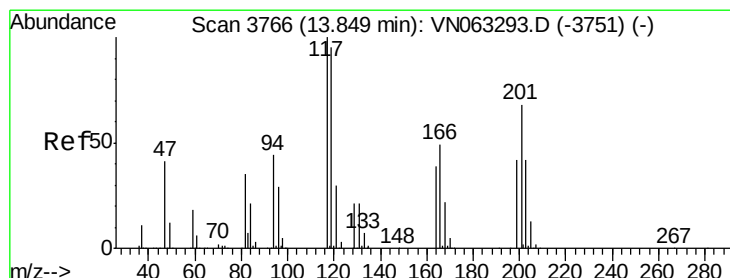


Abundance Ion 91.00 (90.70 to 91.70): VN063293.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063293.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063293.D (-3672) (-)

Time-->



#90

Hexachloroethane

Concen: 49.911 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063293.D

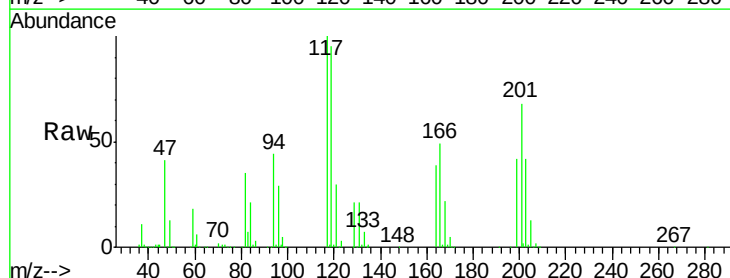
Acq: 10 Sep 2020 13:56

Tgt Ion: 117 Resp: 203016

Ion Ratio Lower Upper

117 100

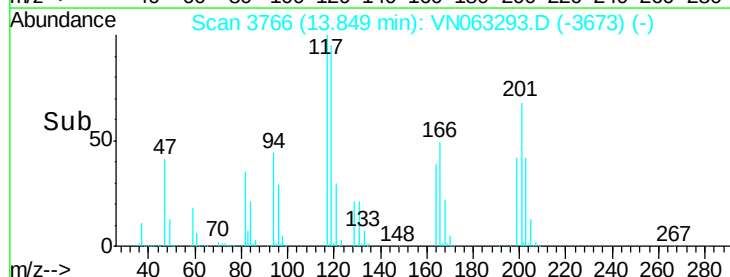
201 66.9 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063293.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN063293.D (-3751) (-)

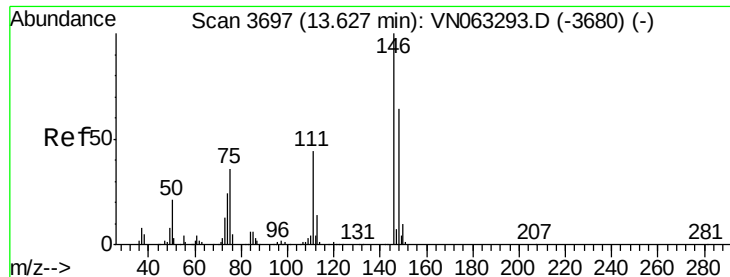
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN063293.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN063293.D (-3751) (-)

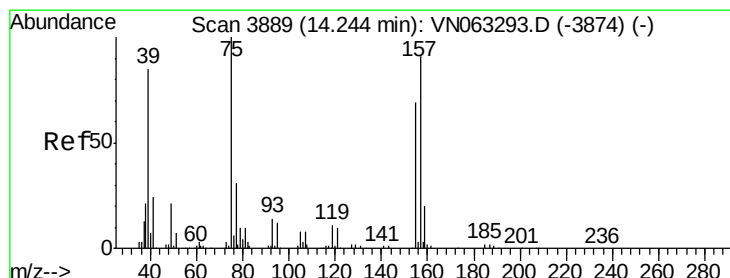
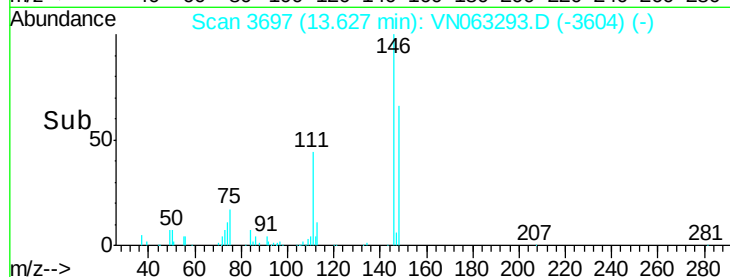
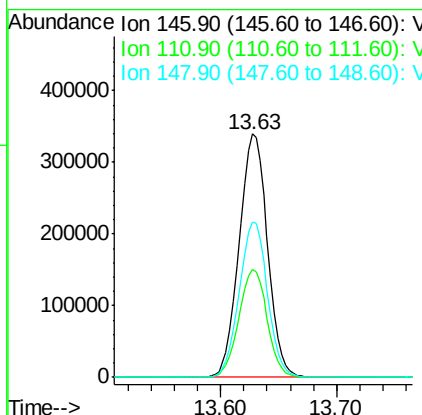
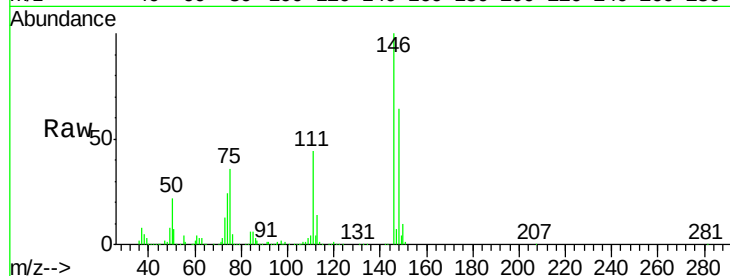
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 53.139 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

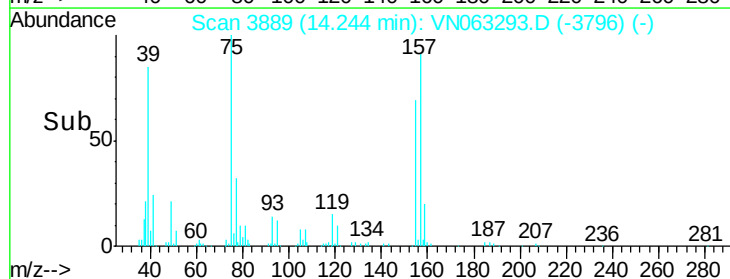
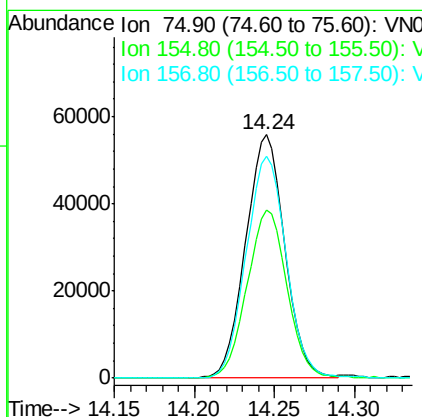
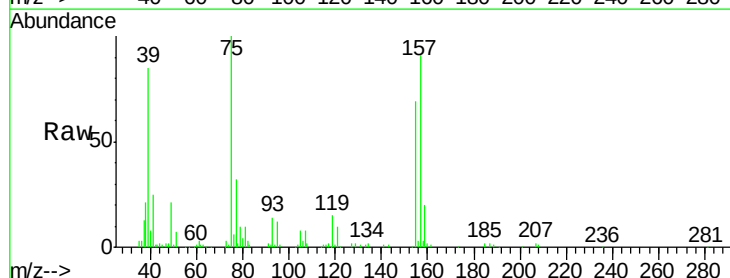
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

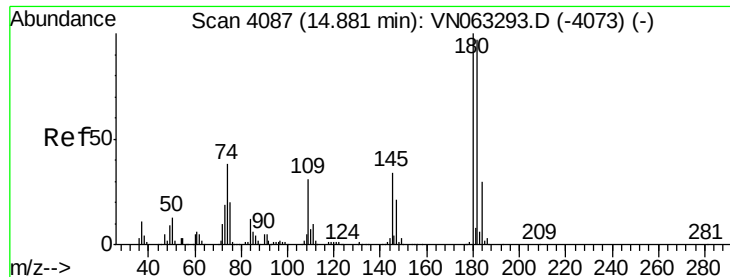
Tgt Ion: 146 Resp: 575346
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.1 66.5
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.468 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 75 Resp: 93869
 Ion Ratio Lower Upper
 75 100
 155 70.5 35.3 105.7
 157 93.3 46.7 140.0

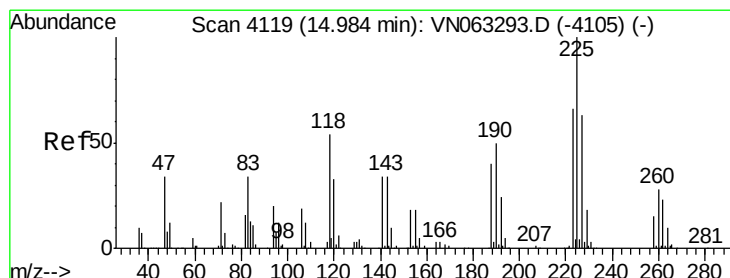
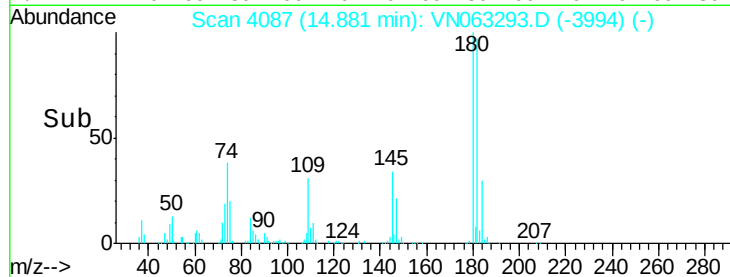
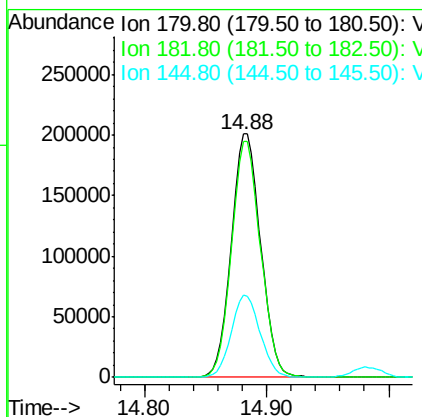
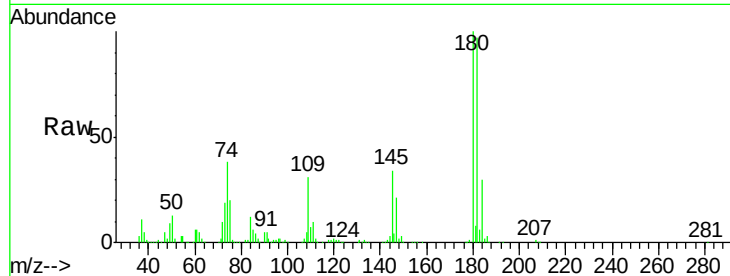




#93
 1,2,4-Trichlorobenzene
 Concen: 54.962 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

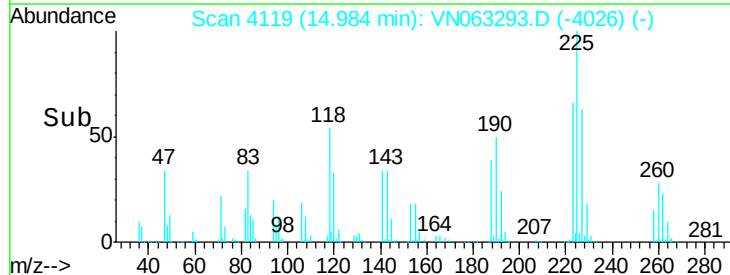
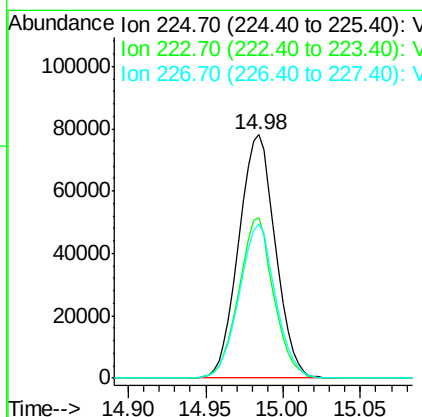
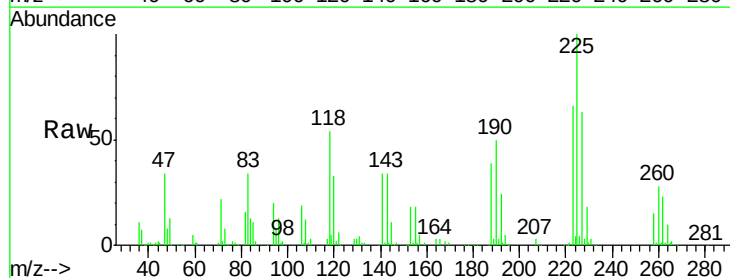
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

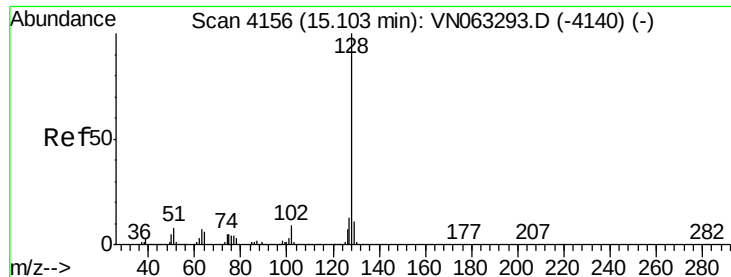
Tgt Ion:180 Resp: 336298
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.0 144.2
 145 33.2 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 55.690 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion:225 Resp: 128788
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 62.4 31.2 93.6

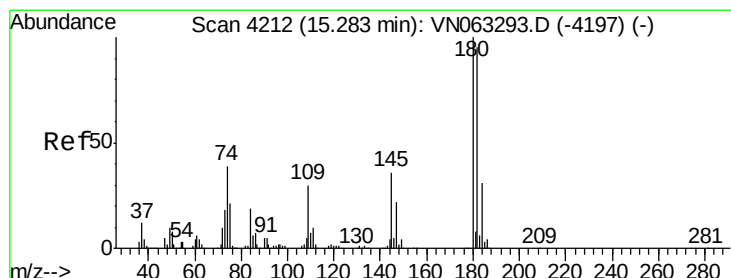
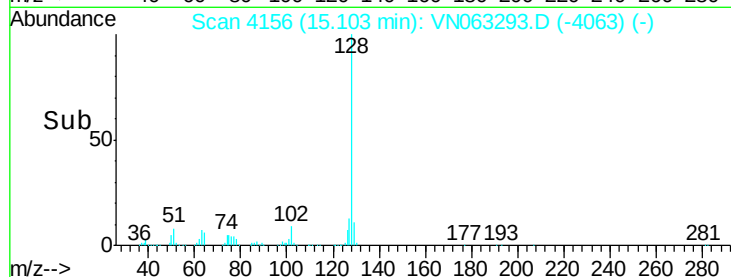
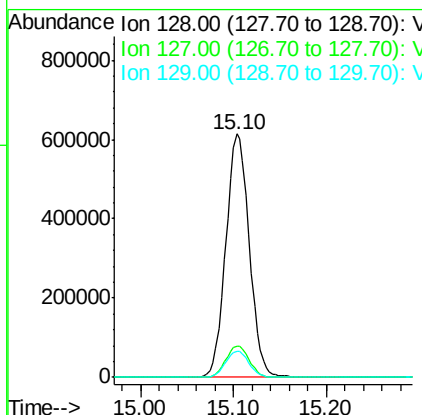
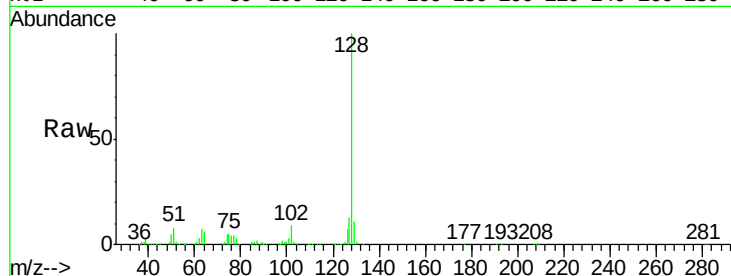




#95
Naphthalene
Concen: 53.750 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1076183
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.704 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion:180 Resp: 320098
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.3
145 34.4 17.2 51.6

