

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063303.D
 Acq On : 10 Sep 2020 18:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 06:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	446669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	793341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	716414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	339334	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	362084	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.55	113	265544	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.06	98	1026576	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.38	95	378323	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	202828	47.281	ug/l 98
3) Chloromethane	2.04	50	301134	53.800	ug/l 99
4) Vinyl Chloride	2.16	62	306283	50.465	ug/l 97
5) Bromomethane	2.53	94	199222	47.049	ug/l 98
6) Chloroethane	2.67	64	198524	50.004	ug/l 97
7) Trichlorofluoromethane	2.99	101	456189	48.606	ug/l 97
8) Diethyl Ether	3.37	74	167661	50.099	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	241370	49.224	ug/l 99
10) Methyl Iodide	3.91	142	332664	52.336	ug/l 98
11) Tert butyl alcohol	4.73	59	237390	255.851	ug/l 99
12) 1,1-Dichloroethene	3.70	96	242370	49.516	ug/l 99
13) Acrolein	3.57	56	109454	220.760	ug/l 99
14) Allyl chloride	4.28	41	484848	48.253	ug/l 99
15) Acrylonitrile	4.93	53	657618	259.224	ug/l 100
16) Acetone	3.77	43	577602	238.357	ug/l 98
17) Carbon Disulfide	4.01	76	693017	50.023	ug/l 100
18) Methyl Acetate	4.28	43	311070	51.065	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	894395	51.137	ug/l 99
20) Methylene Chloride	4.51	84	295627	53.678	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	270193	49.327	ug/l 99
22) Diisopropyl ether	5.90	45	1014771	51.318	ug/l 95
23) Vinyl Acetate	5.84	43	4182229	268.699	ug/l 100
24) 1,1-Dichloroethane	5.80	63	544202	50.819	ug/l 99
25) 2-Butanone	6.78	43	925815	258.636	ug/l 99
26) 2,2-Dichloropropane	6.78	77	436452	46.501	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	319303	50.018	ug/l 96
28) Bromochloromethane	7.15	49	254289	48.971	ug/l 99
29) Tetrahydrofuran	7.17	42	608160	260.921	ug/l 99
30) Chloroform	7.33	83	542806	50.626	ug/l 98
31) Cyclohexane	7.62	56	477251	48.487	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	469248	50.205	ug/l 99
36) 1,1-Dichloropropene	7.76	75	409078	50.165	ug/l 100
37) Ethyl Acetate	6.88	43	404575	50.429	ug/l 99
38) Carbon Tetrachloride	7.73	117	408037	50.841	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	436958	49.117	ug/l	98
40) Benzene	8.00	78	1183216	50.801	ug/l	100
41) Methacrylonitrile	7.12	41	189713	52.279	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	453283	51.295	ug/l	100
43) Isopropyl Acetate	8.13	43	707722	52.091	ug/l #	92
44) Trichloroethene	8.80	130	312429	51.293	ug/l	99
45) 1,2-Dichloropropane	9.09	63	325605	50.966	ug/l	99
46) Dibromomethane	9.18	93	210569	50.828	ug/l	99
47) Bromodichloromethane	9.37	83	435062	50.393	ug/l	97
48) Methyl methacrylate	9.17	41	333505	51.446	ug/l	99
49) 1,4-Dioxane	9.17	88	98070	977.074	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	2033055	271.531	ug/l	100
52) Toluene	10.13	92	729450	51.296	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	482469	51.247	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	511507	50.461	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	280678	50.370	ug/l	95
56) Ethyl methacrylate	10.40	69	452781	53.434	ug/l	98
57) 1,3-Dichloropropane	10.68	76	502289	51.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1117789	245.924	ug/l	100
59) 2-Hexanone	10.72	43	1462945	264.930	ug/l	100
60) Dibromochloromethane	10.87	129	317725	51.924	ug/l	99
61) 1,2-Dibromoethane	10.98	107	294862	50.758	ug/l	100
64) Tetrachloroethene	10.60	164	305690	52.087	ug/l	99
65) Chlorobenzene	11.41	112	770636	49.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	281832	50.154	ug/l	98
67) Ethyl Benzene	11.49	91	1432378	51.732	ug/l	98
68) m/p-Xylenes	11.60	106	1051870	102.702	ug/l	98
69) o-Xylene	11.92	106	507828	51.666	ug/l	100
70) Styrene	11.94	104	854755	52.323	ug/l	99
71) Bromoform	12.10	173	201857	51.936	ug/l #	99
73) Isopropylbenzene	12.23	105	1362054	49.763	ug/l	100
74) N-amyl acetate	12.05	43	622892	55.432	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	380648	48.560	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	540343	72.178	ug/l #	100
77) Bromobenzene	12.50	156	309411	49.180	ug/l	99
78) n-propylbenzene	12.57	91	1594519	51.281	ug/l	100
79) 2-Chlorotoluene	12.65	91	948132	49.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1148122	50.518	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	138919	49.858	ug/l	98
82) 4-Chlorotoluene	12.75	91	990020	49.400	ug/l	99
83) tert-Butylbenzene	12.97	119	947495	49.157	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1161836	50.718	ug/l	100
85) sec-Butylbenzene	13.15	105	1256104	51.223	ug/l	99
86) p-Isopropyltoluene	13.26	119	1146521	50.999	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	566509	49.254	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	569763	51.840	ug/l	99
89) n-Butylbenzene	13.59	91	1046065	51.545	ug/l	99
90) Hexachloroethane	13.85	117	194314	52.546	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	562215	49.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	90238	50.623	ug/l	97

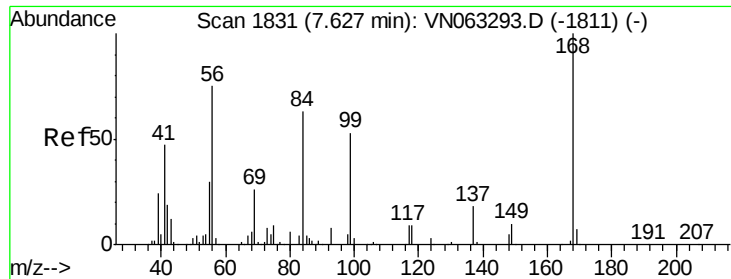
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	327539	49.224	ug/l	100
94) Hexachlorobutadiene	14.98	225	123771	51.644	ug/l	99
95) Naphthalene	15.11	128	1037137	51.873	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	311690	52.235	ug/l	99

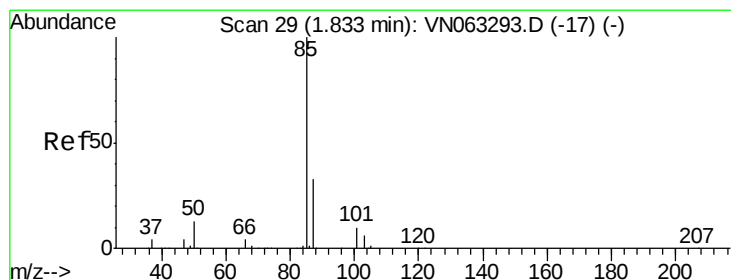
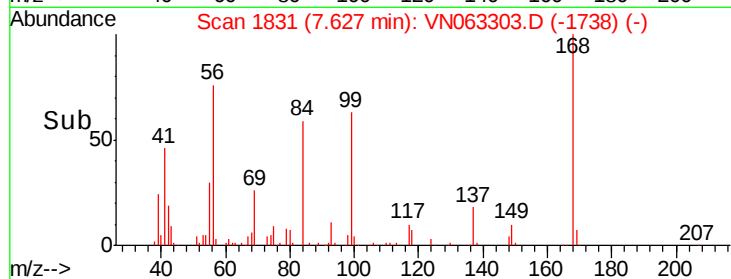
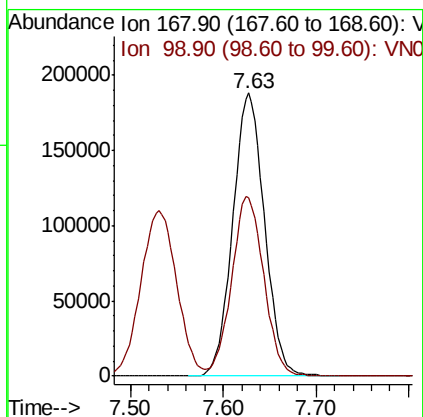
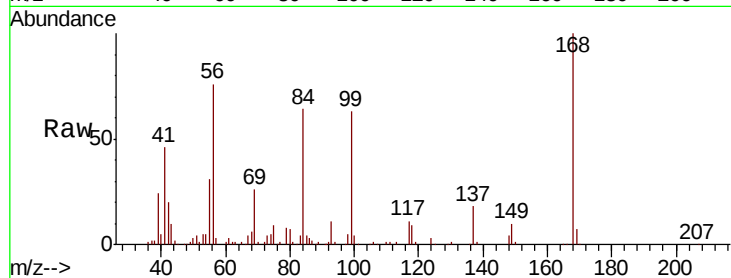
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

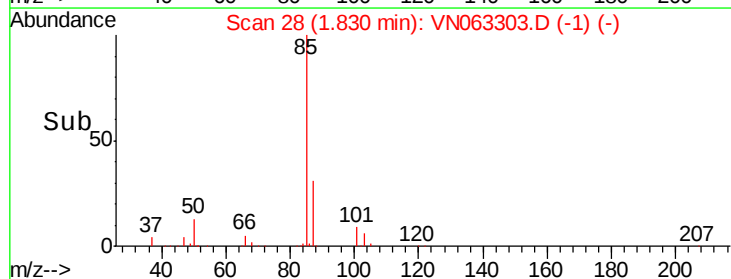
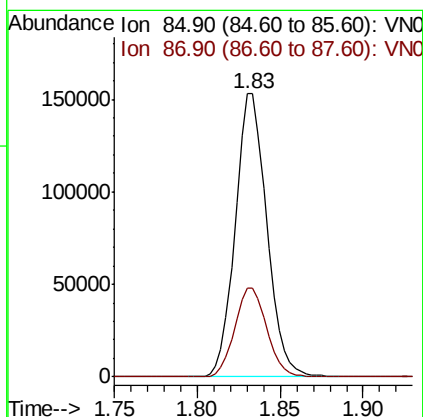
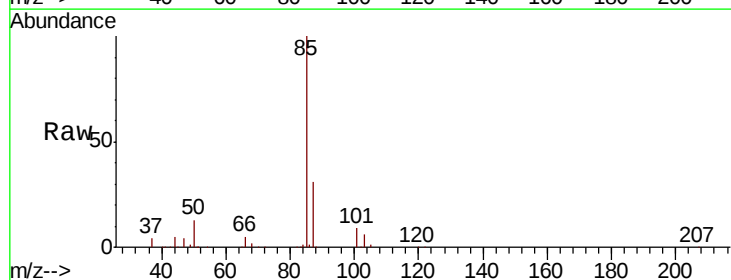
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

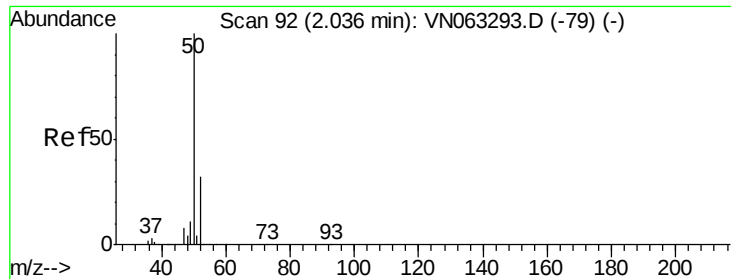
Tot Ion:168 Resp: 446669
Ion Ratio Lower Upper
168 100
99 63.1 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 47.281 ug/l
RT: 1.83 min Scan# 28
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 85 Resp: 202828
Ion Ratio Lower Upper
85 100
87 31.2 16.3 48.9





#3

Chloromethane

Concen: 53.800 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

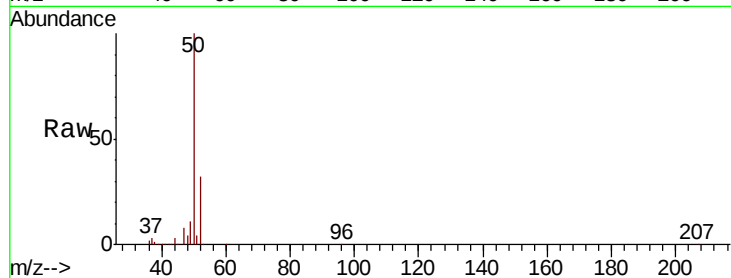
VSTDCCC050EC

Tot Ion: 50 Resp: 301134

Ion Ratio Lower Upper

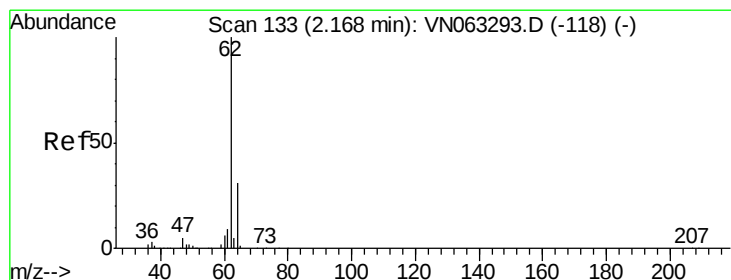
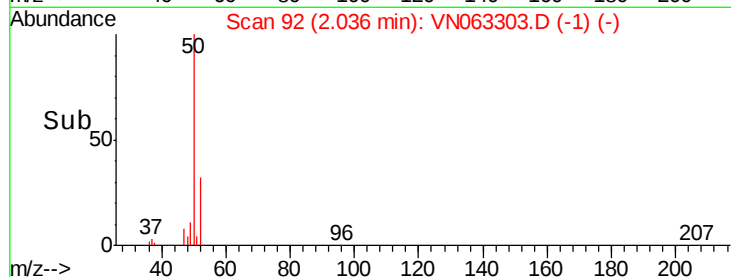
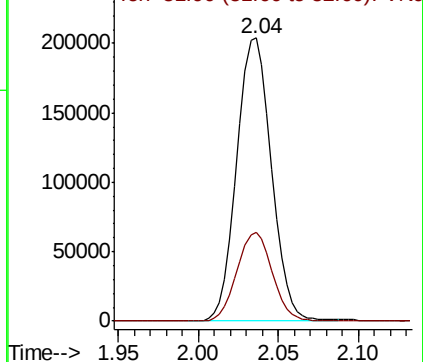
50 100

52 31.5 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 50.465 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063303.D

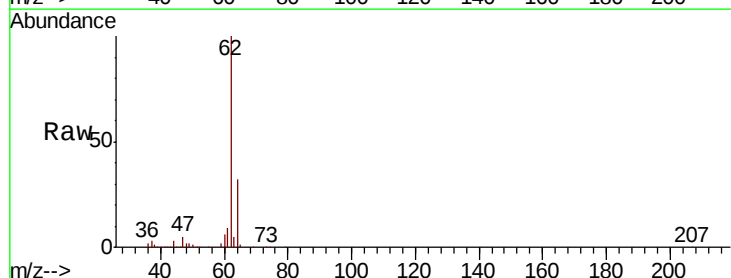
Acq: 10 Sep 2020 18:58

Tgt Ion: 62 Resp: 306283

Ion Ratio Lower Upper

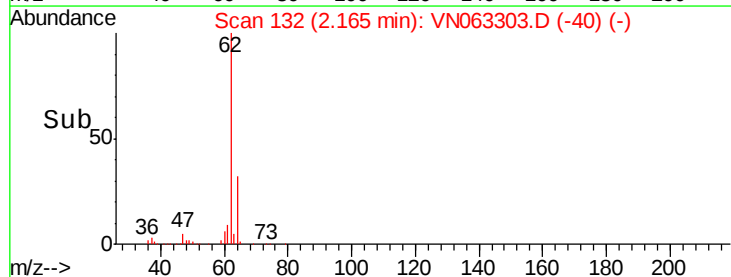
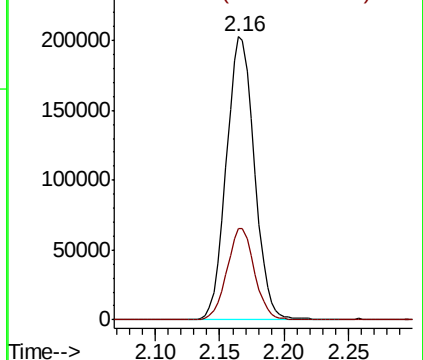
62 100

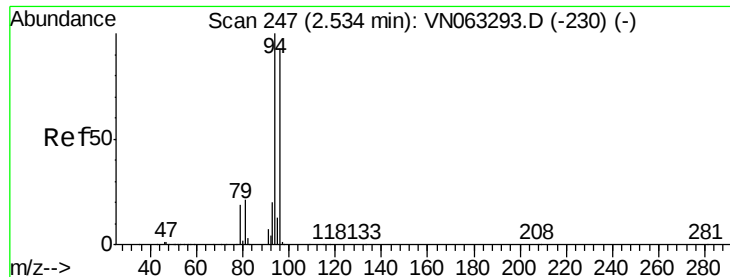
64 32.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 47.049 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

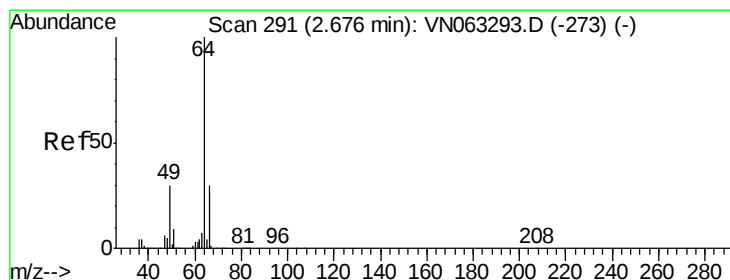
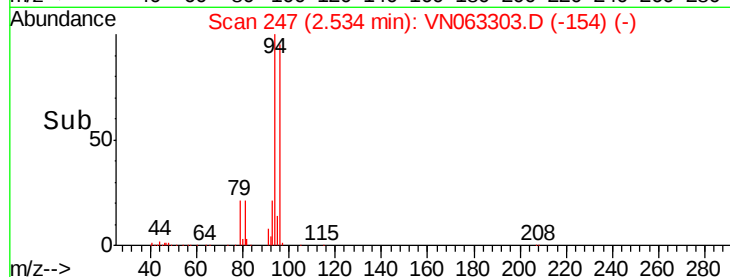
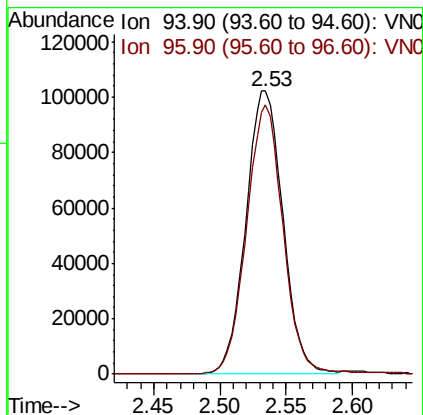
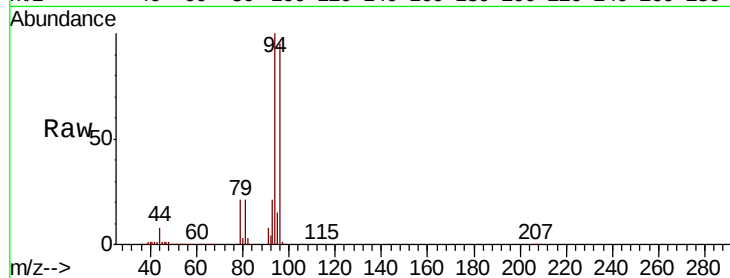
VSTDCCC050EC

Tot Ion: 94 Resp: 199222

Ion Ratio Lower Upper

94 100

96 94.9 74.3 111.5



#6

Chloroethane

Concen: 50.004 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063303.D

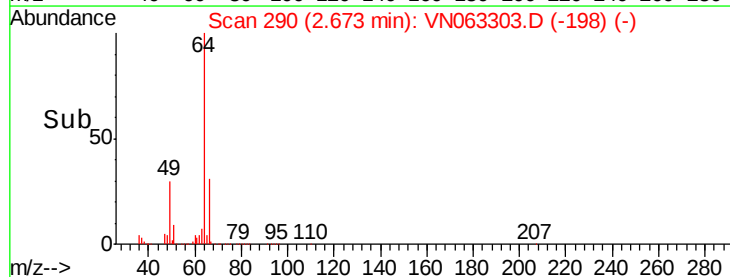
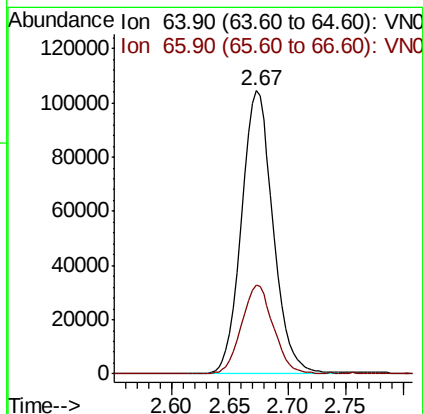
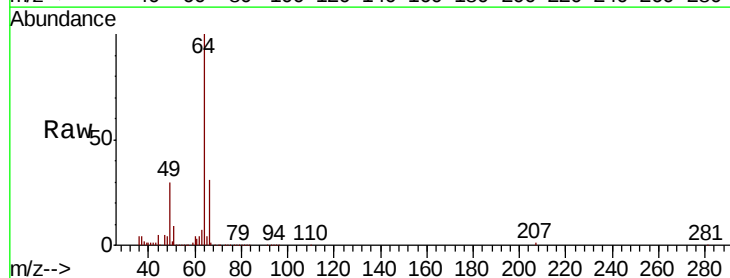
Acq: 10 Sep 2020 18:58

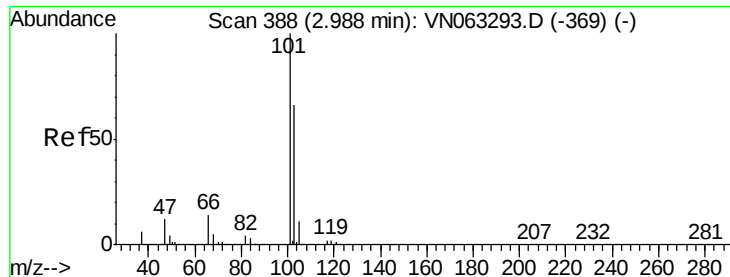
Tgt Ion: 64 Resp: 198524

Ion Ratio Lower Upper

64 100

66 31.3 23.8 35.6



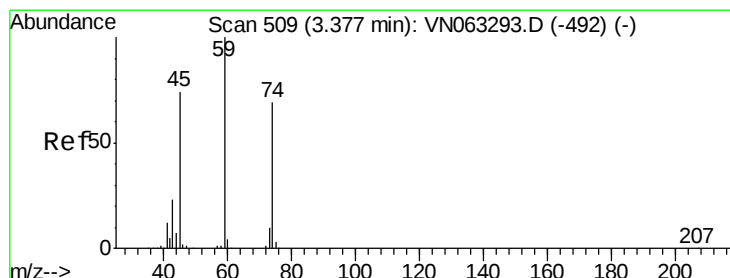
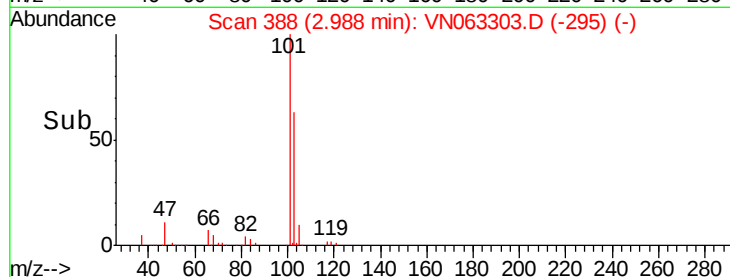
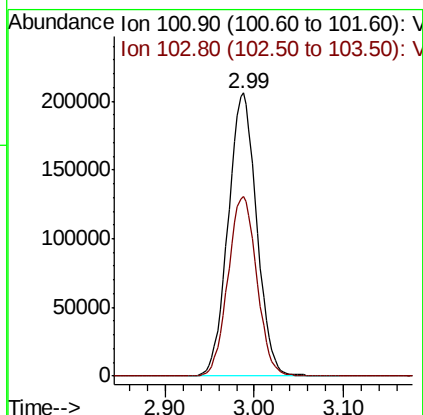
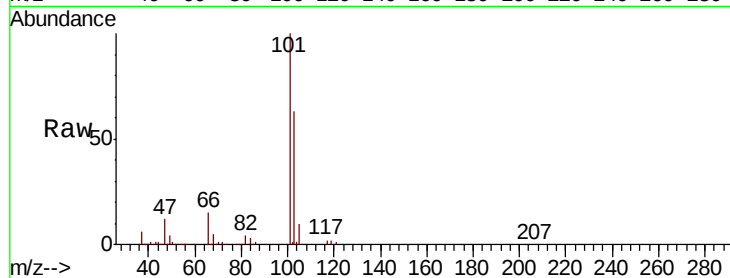


#7

Trichlorofluoromethane
 Concen: 48.606 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063303.D
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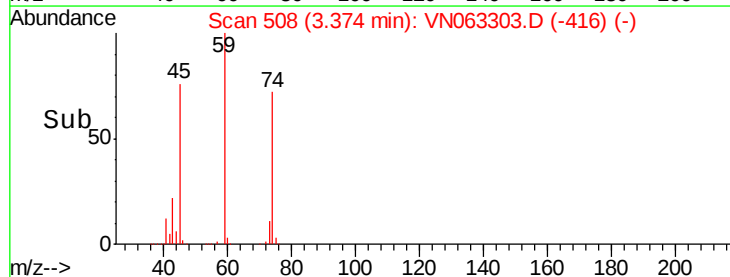
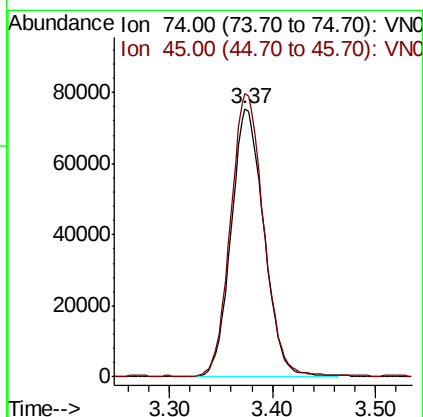
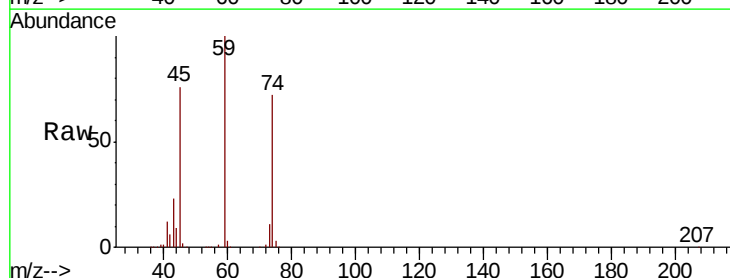
Tot Ion:101 Resp: 456189
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

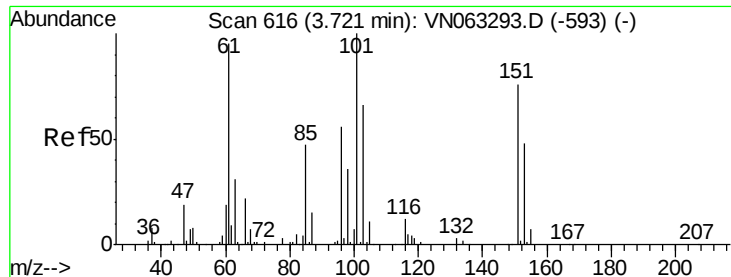


#8

Diethyl Ether
 Concen: 50.099 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 74 Resp: 167661
 Ion Ratio Lower Upper
 74 100
 45 107.2 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.224 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

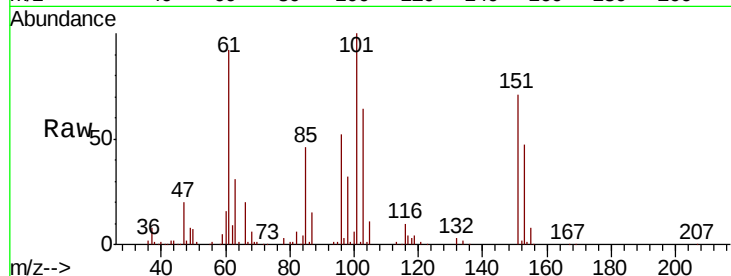
Tot Ion:101 Resp: 241370

Ion Ratio Lower Upper

101 100

85 45.7 36.9 55.3

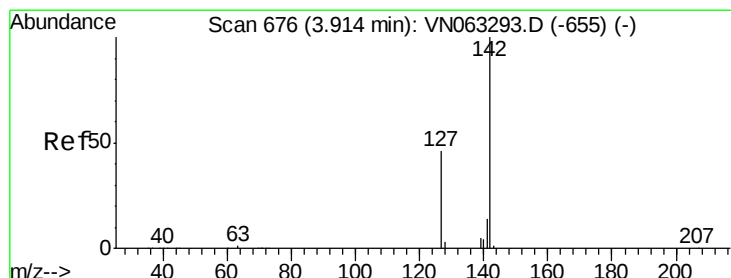
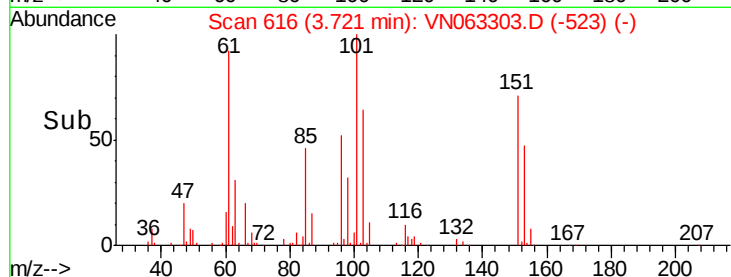
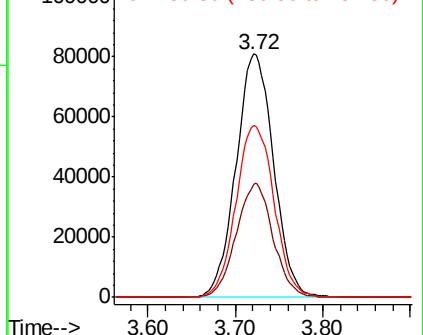
151 71.7 57.8 86.8



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: 52.336 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

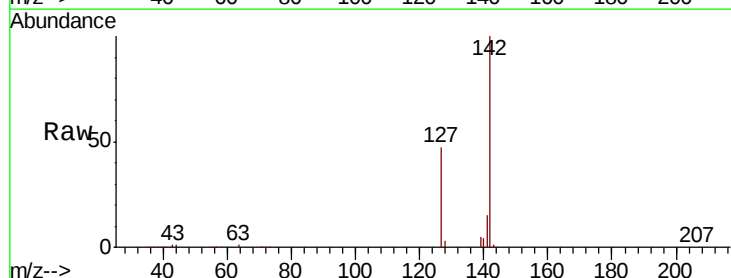
Tgt Ion:142 Resp: 332664

Ion Ratio Lower Upper

142 100

127 45.1 37.1 55.7

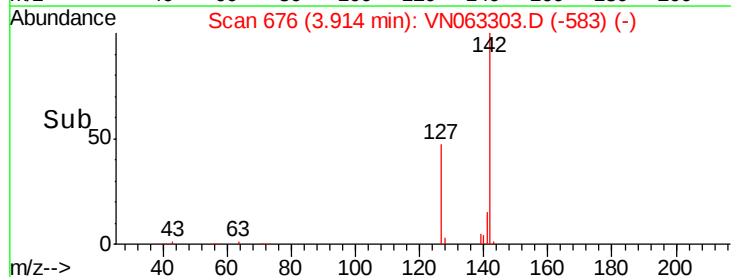
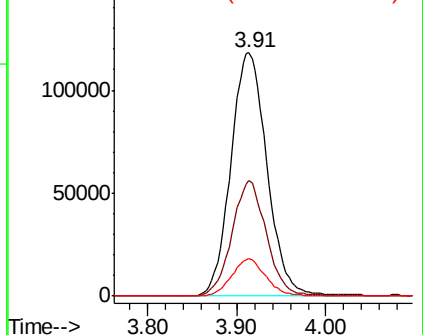
141 14.5 11.6 17.4

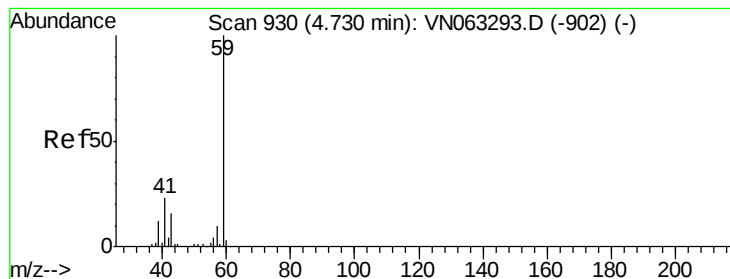


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 255.851 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

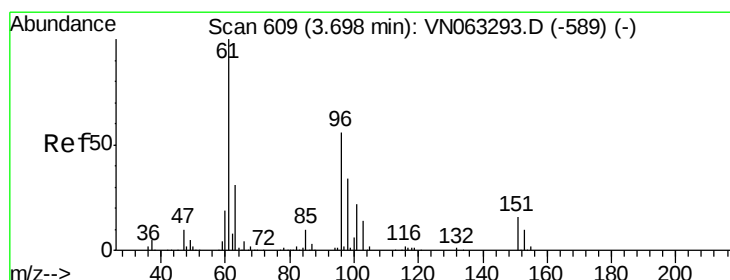
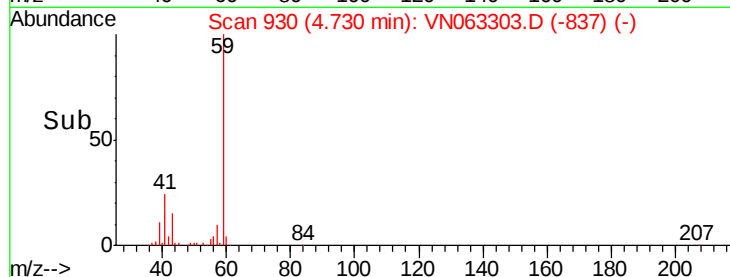
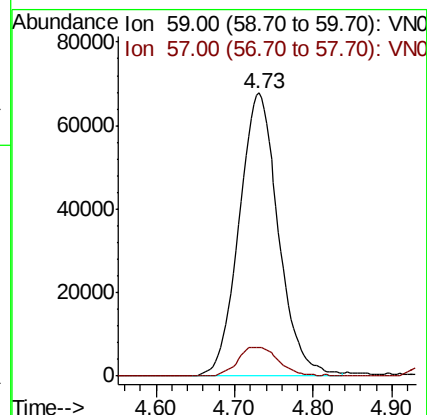
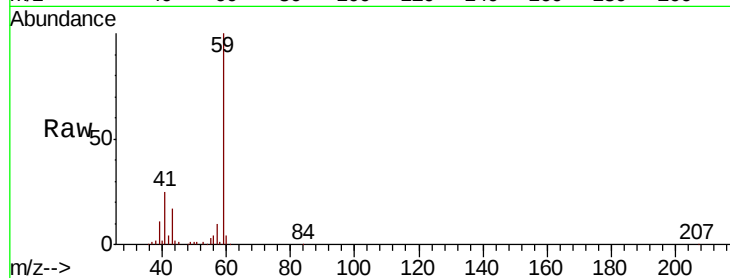
VSTDCCC050EC

Tot Ion: 59 Resp: 237390

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#12

1,1-Dichloroethene

Concen: 49.516 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

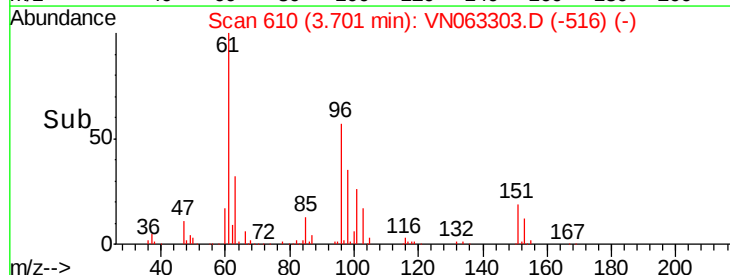
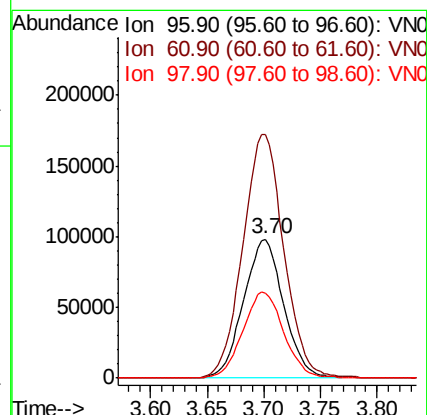
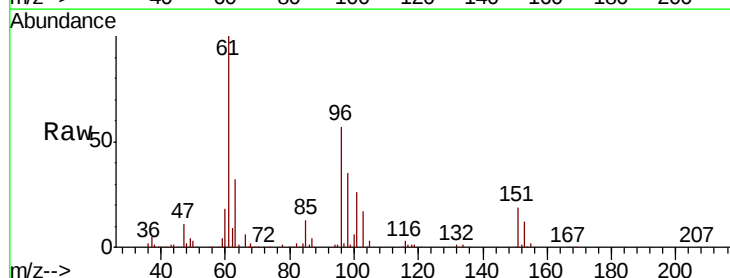
Tgt Ion: 96 Resp: 242370

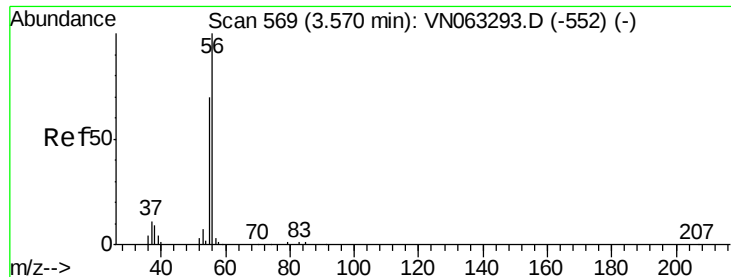
Ion Ratio Lower Upper

96 100

61 175.4 142.1 213.1

98 61.5 48.8 73.2





#13

Acrolein

Concen: 220.760 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

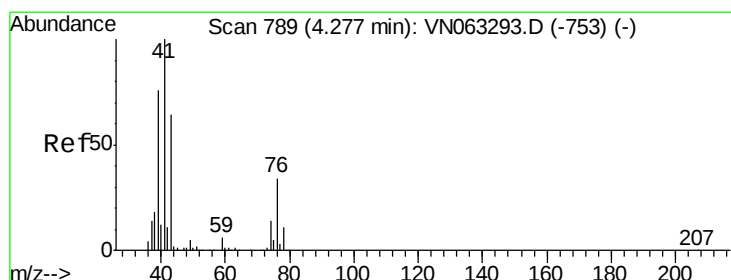
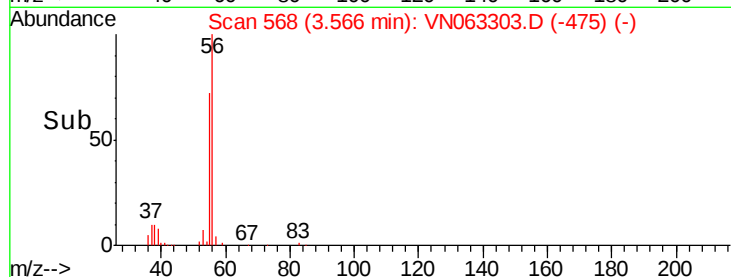
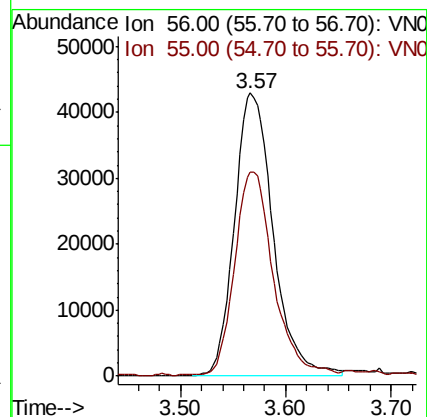
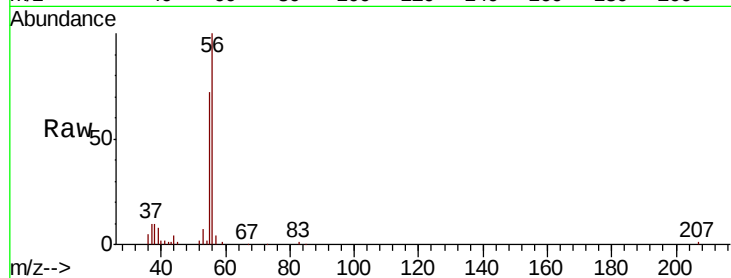
VSTDCCC050EC

Tot Ion: 56 Resp: 109454

Ion Ratio Lower Upper

56 100

55 70.8 57.2 85.8



#14

Allyl chloride

Concen: 48.253 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

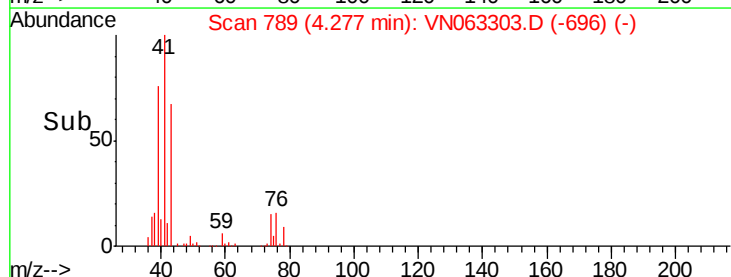
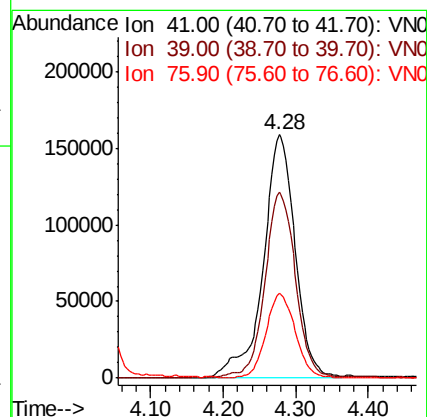
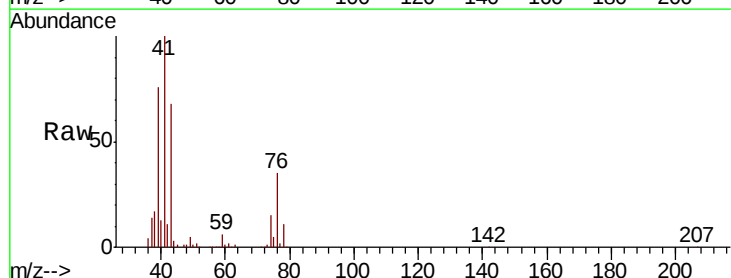
Tgt Ion: 41 Resp: 484848

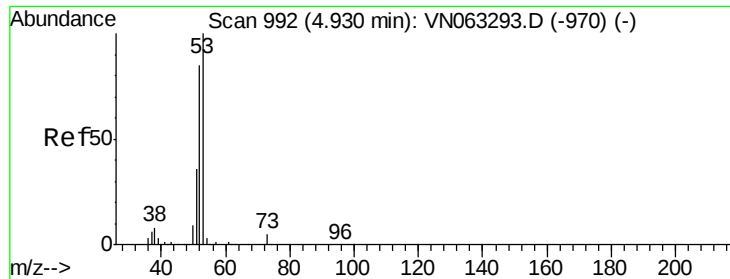
Ion Ratio Lower Upper

41 100

39 73.0 57.4 86.2

76 31.5 25.7 38.5





#15

Acrylonitrile

Concen: 259.224 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

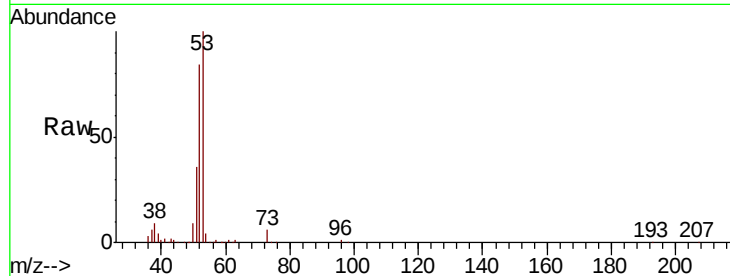
Tot Ion: 53 Resp: 657618

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

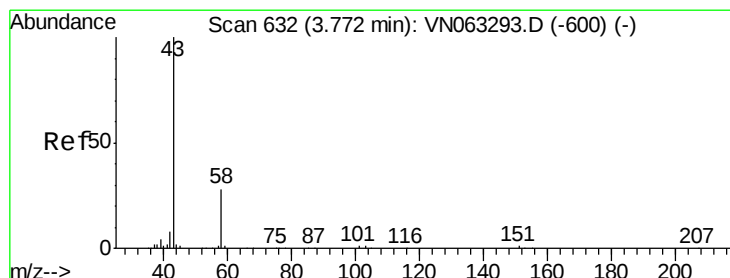
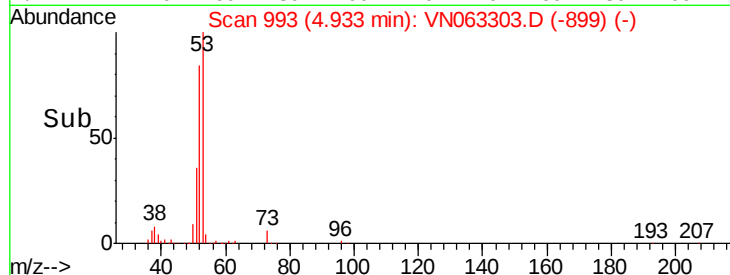
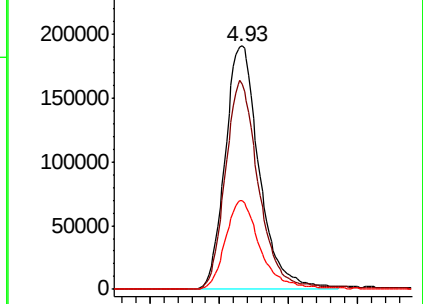
51 37.1 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN063303.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063303.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063303.D (-970) (-)



#16

Acetone

Concen: 238.357 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063303.D

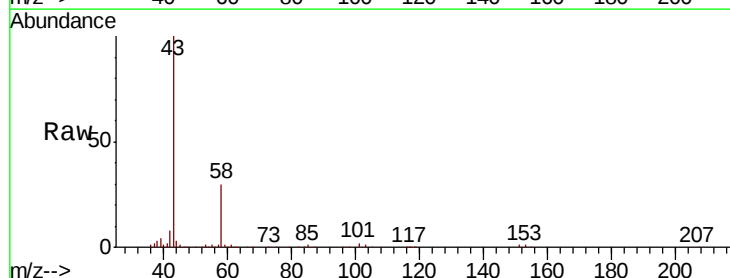
Acq: 10 Sep 2020 18:58

Tgt Ion: 43 Resp: 577602

Ion Ratio Lower Upper

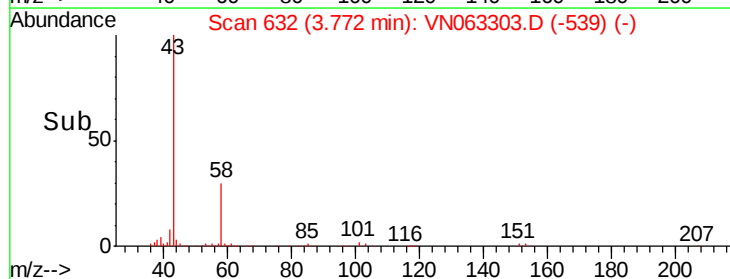
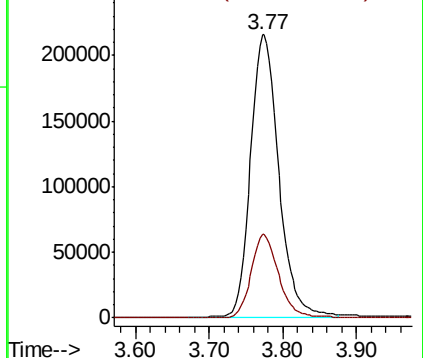
43 100

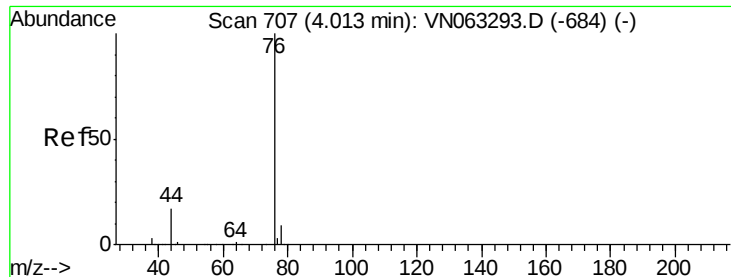
58 29.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN063303.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN063303.D (-600) (-)

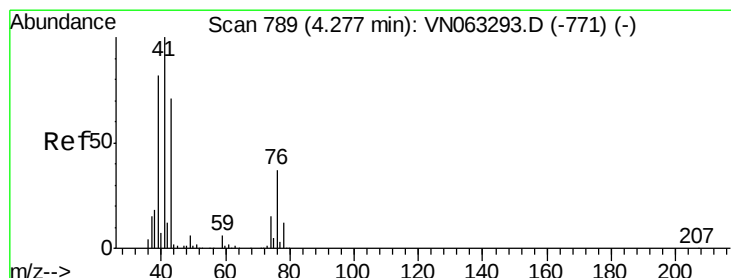
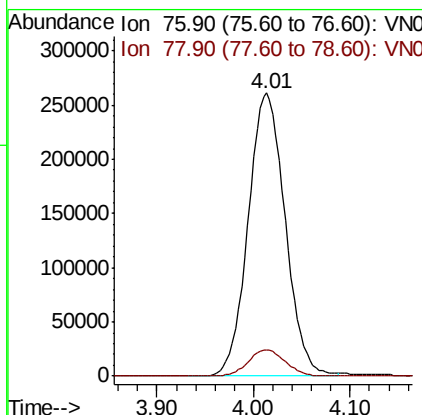
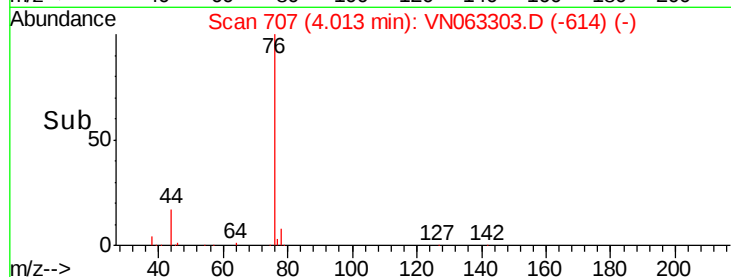
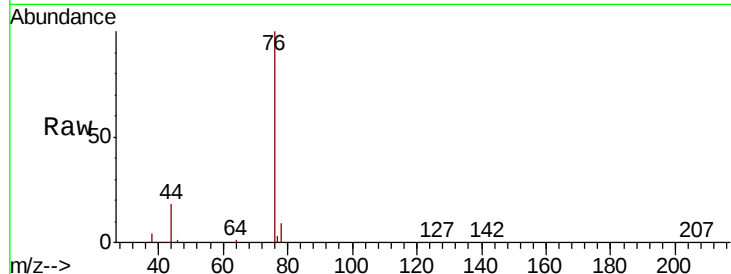




#17
Carbon Disulfide
Concen: 50.023 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

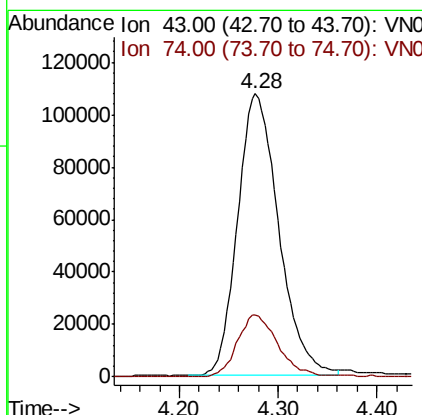
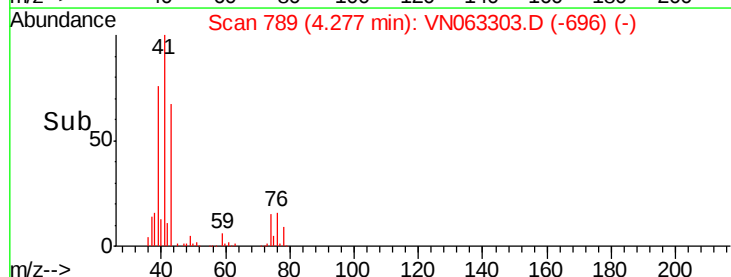
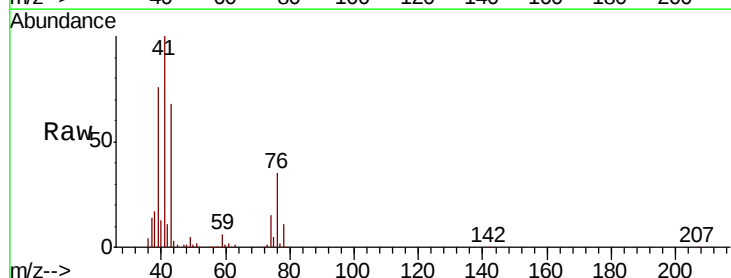
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

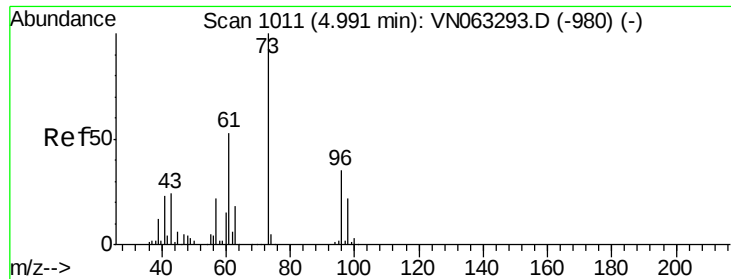
Tot Ion: 76 Resp: 693017
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 51.065 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 43 Resp: 311070
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.6

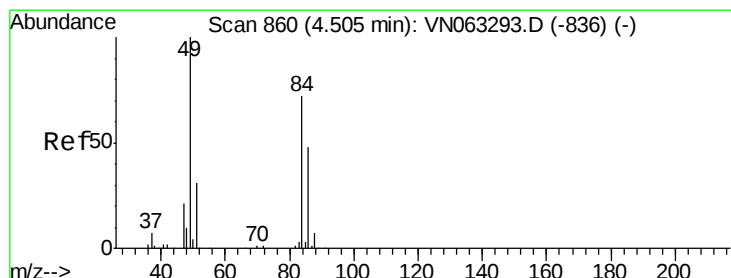
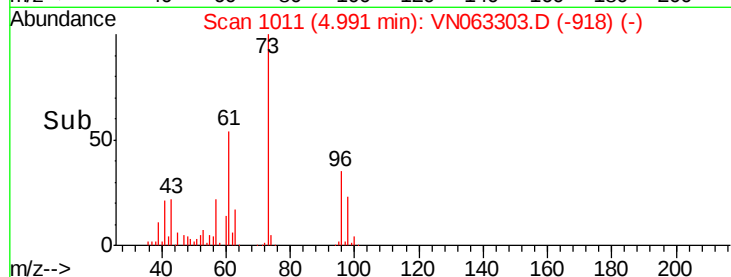
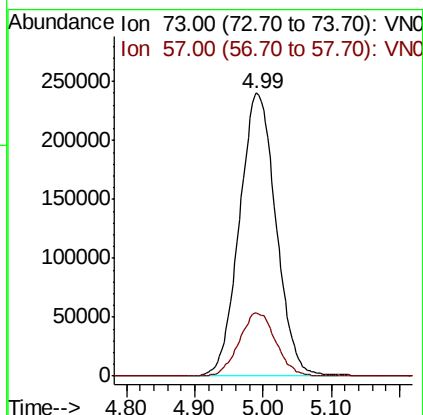
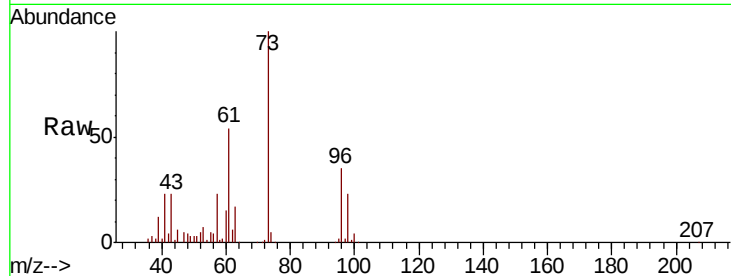




#19
Methyl tert-butyl Ether
Concen: 51.137 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

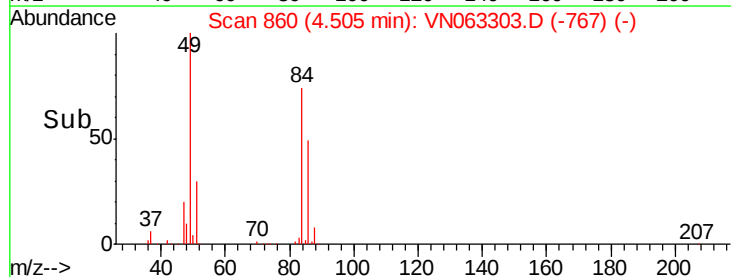
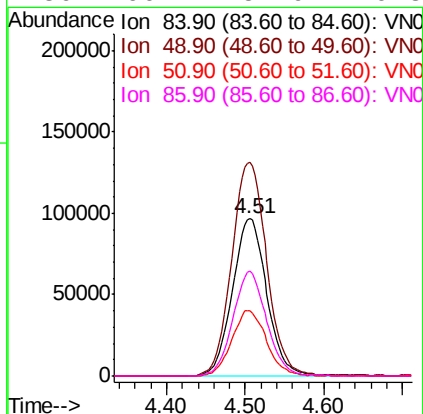
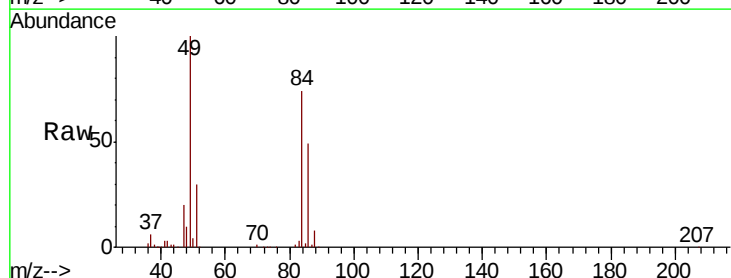
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

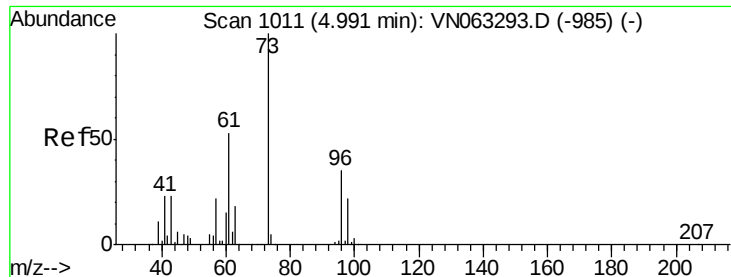
Tot Ion: 73 Resp: 894395
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 53.678 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 84 Resp: 295627
Ion Ratio Lower Upper
84 100
49 135.8 111.1 166.7
51 41.4 34.3 51.5
86 66.7 52.9 79.3

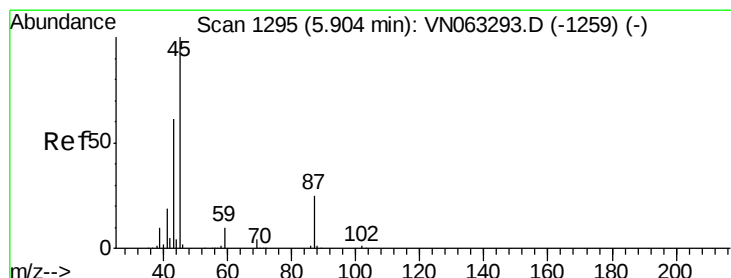
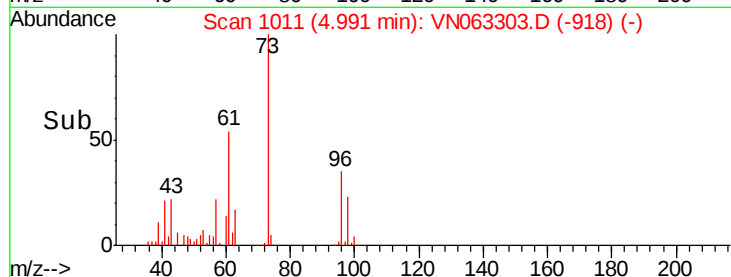
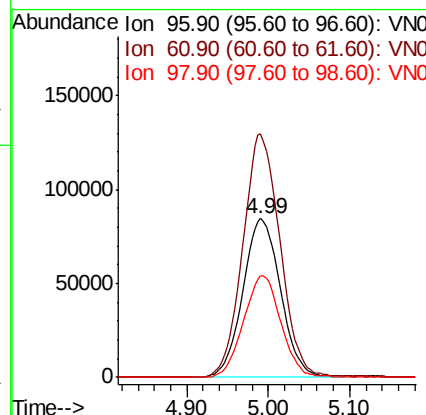
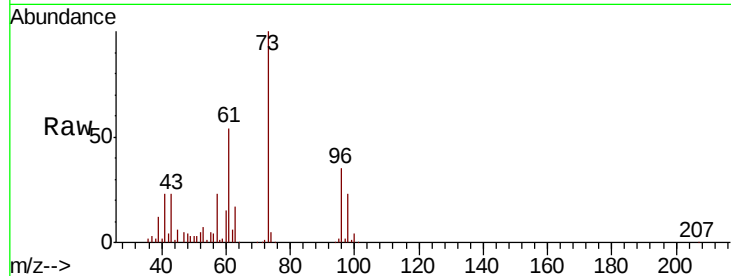




#21
trans-1,2-Dichloroethene
Concen: 49.327 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

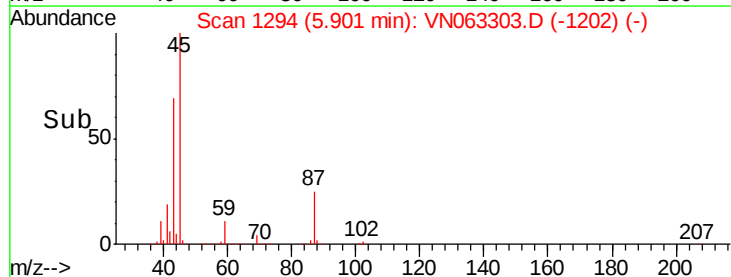
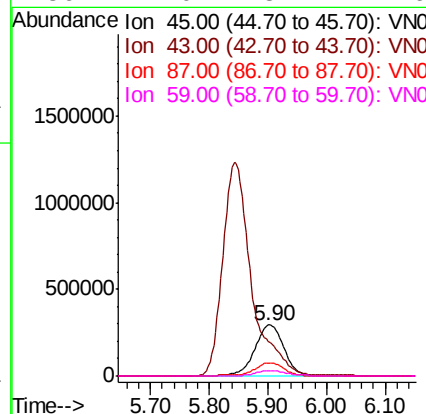
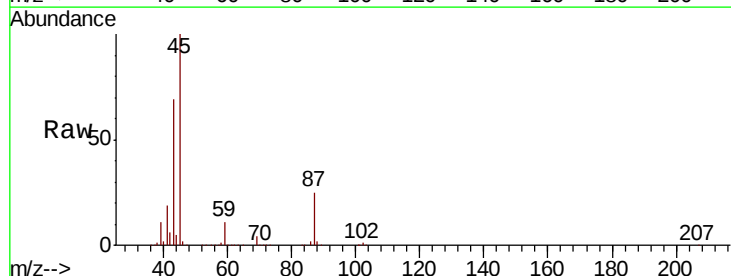
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

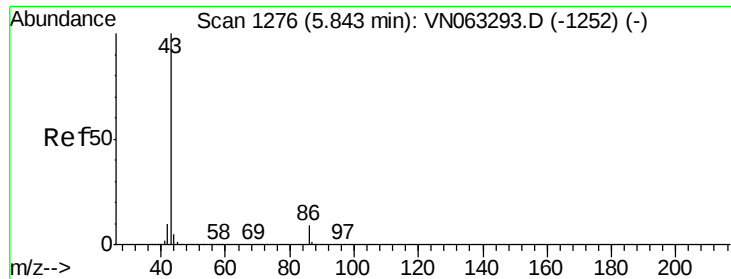
Tot Ion: 96 Resp: 270193
Ion Ratio Lower Upper
96 100
61 153.5 121.8 182.8
98 64.1 51.2 76.8



#22
Diisopropyl ether
Concen: 51.318 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 45 Resp: 1014771
Ion Ratio Lower Upper
45 100
43 68.8 50.3 75.5
87 25.3 20.7 31.1
59 11.0 8.4 12.6





#23

Vinyl Acetate

Concen: 268.699 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

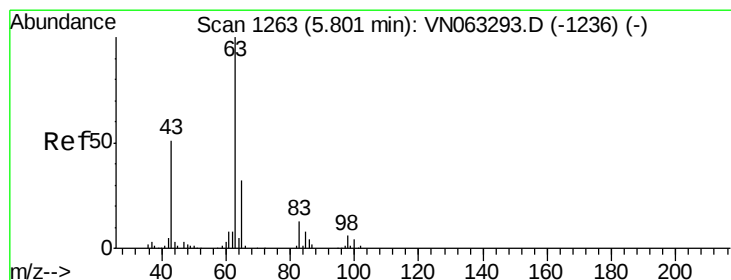
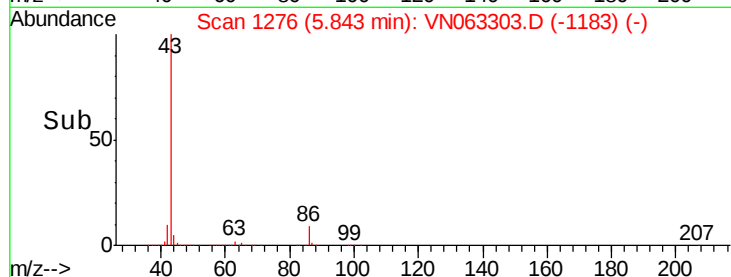
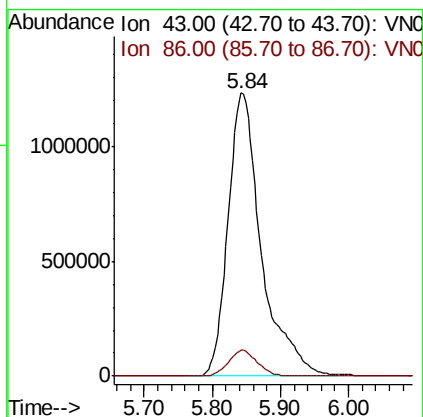
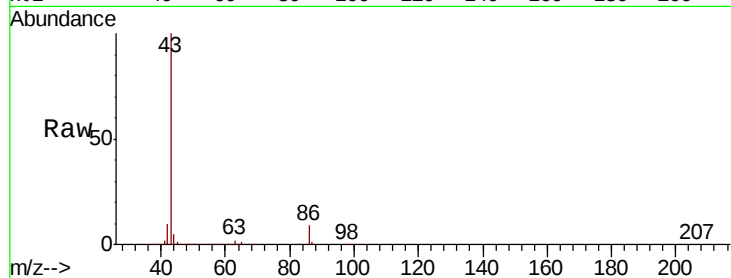
VSTDCCC050EC

Tot Ion: 43 Resp: 4182229

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8



#24

1,1-Dichloroethane

Concen: 50.819 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

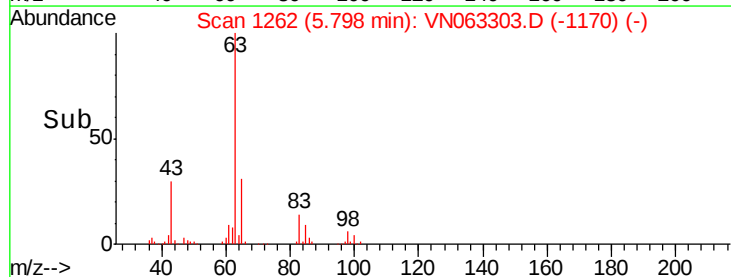
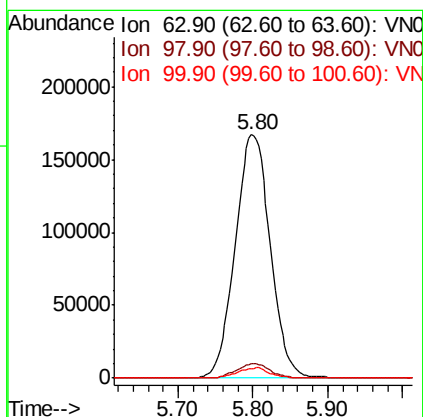
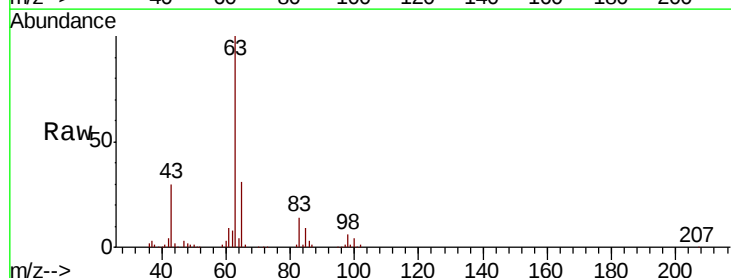
Tgt Ion: 63 Resp: 544202

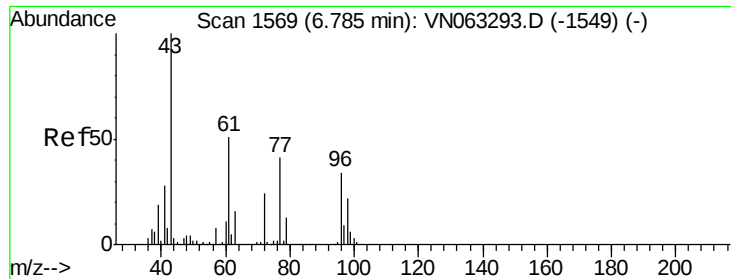
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.9 2.0 6.0

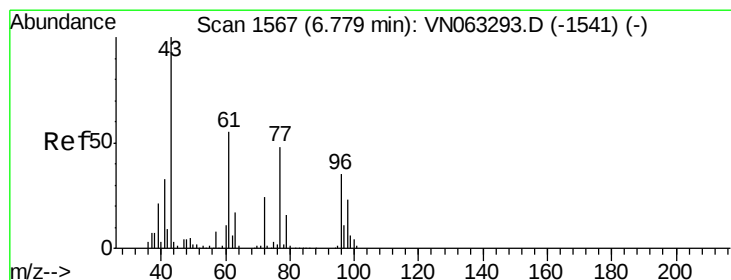
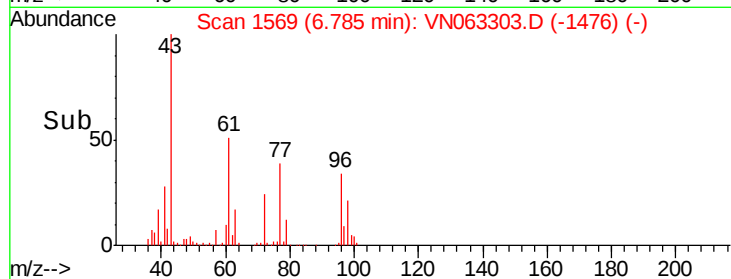
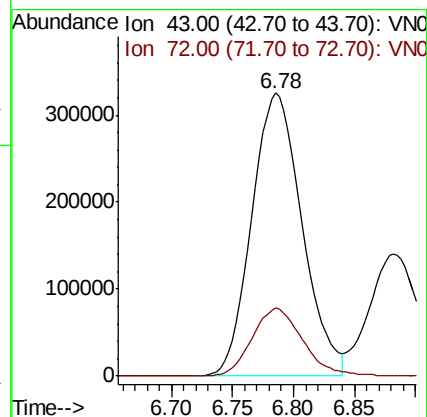
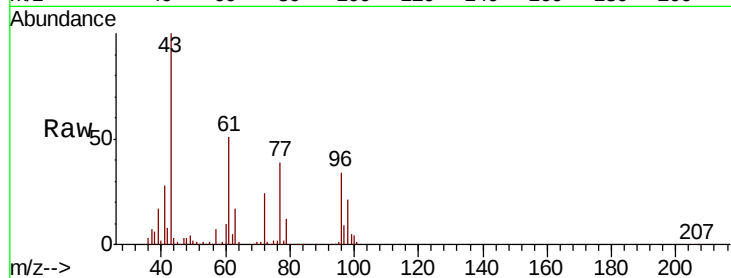




#25
2-Butanone
Concen: 258.636 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

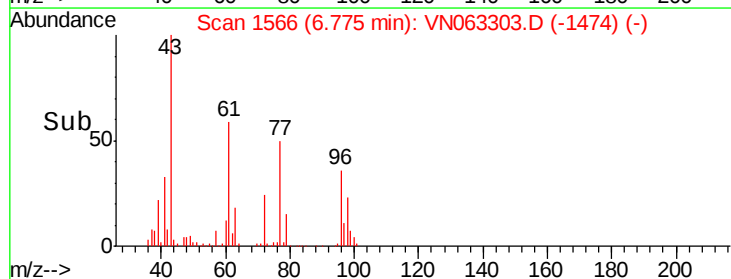
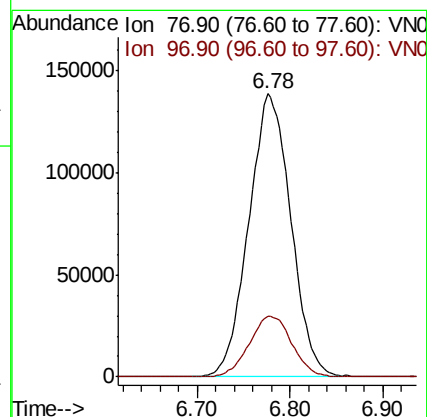
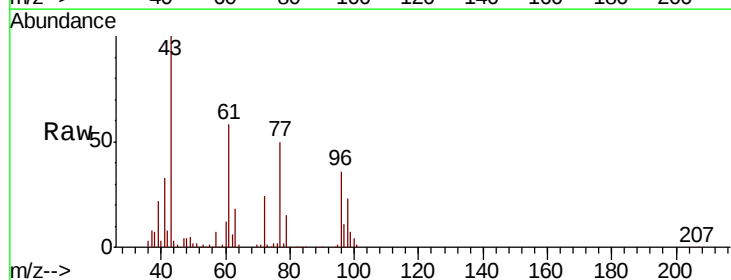
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

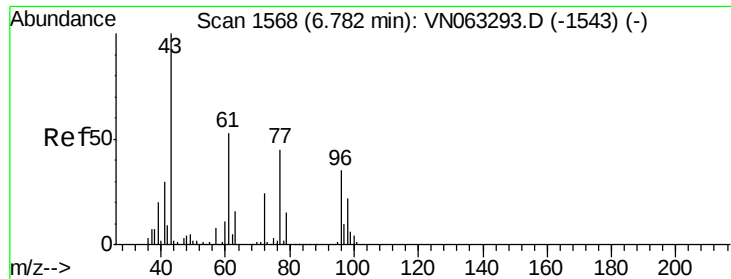
Tot Ion: 43 Resp: 925815
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 46.501 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 77 Resp: 436452
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.6

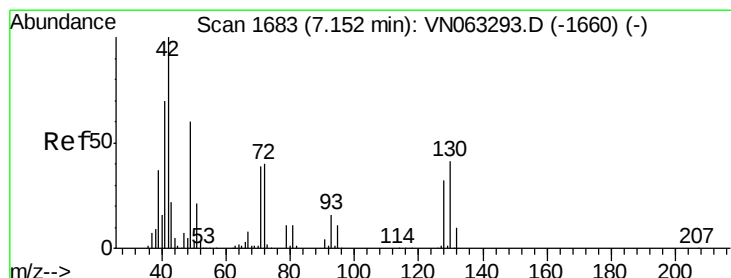
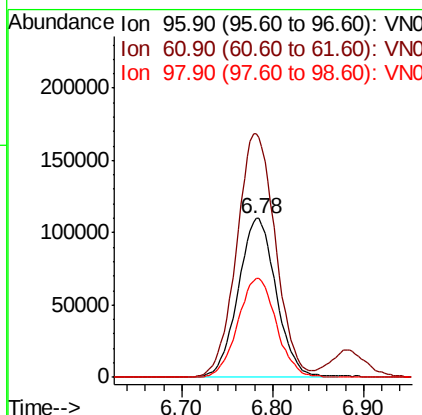
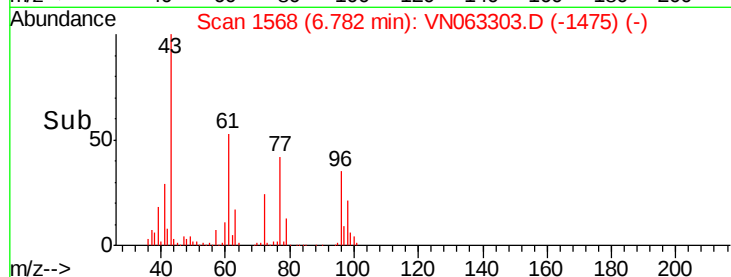
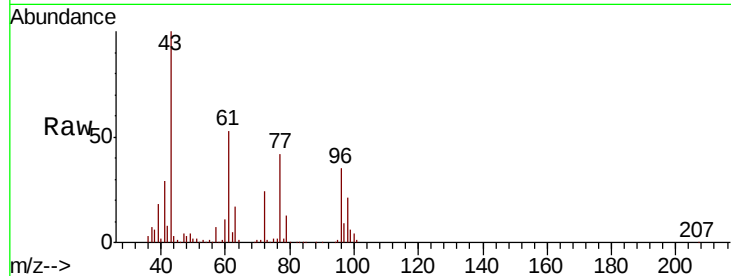




#27
 cis-1,2-Dichloroethene
 Concen: 50.018 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

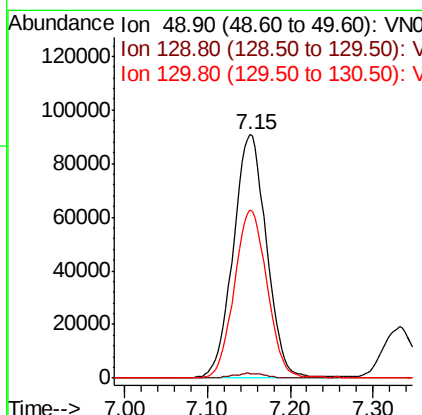
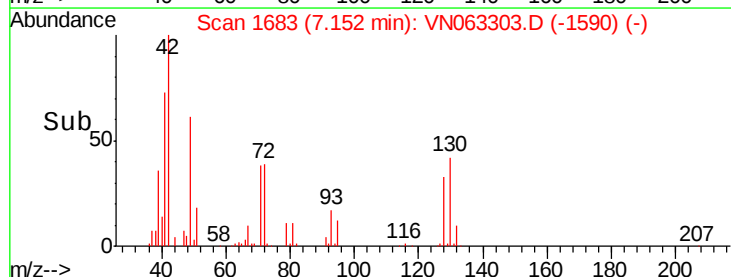
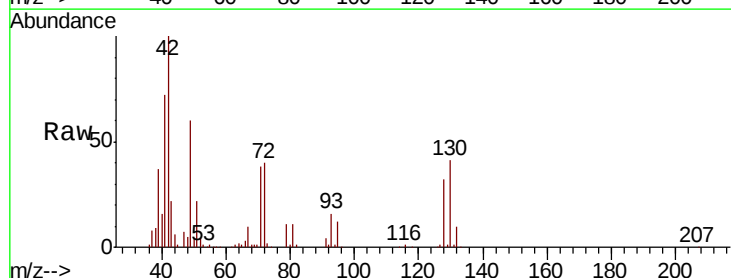
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

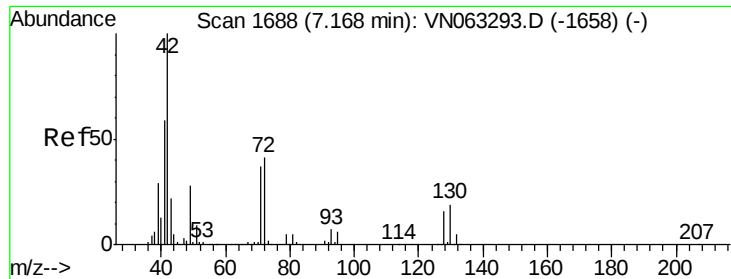
Tot Ion: 96 Resp: 319303
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 322.8
 98 63.0 0.0 132.2



#28
 Bromochloromethane
 Concen: 48.971 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 49 Resp: 254289
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 67.4 53.1 79.7

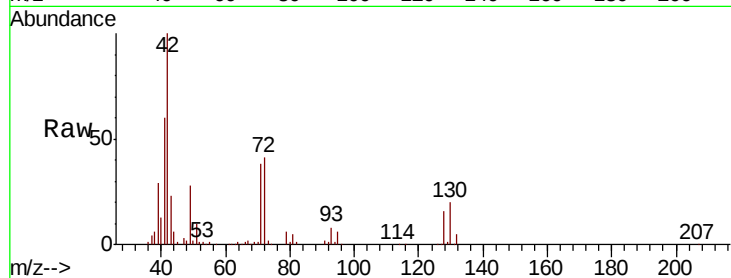




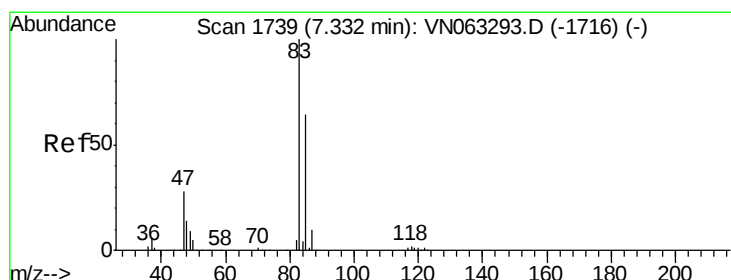
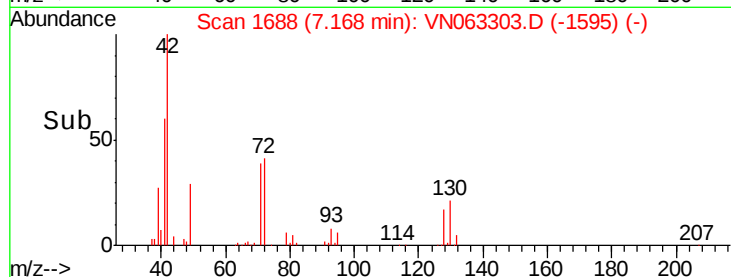
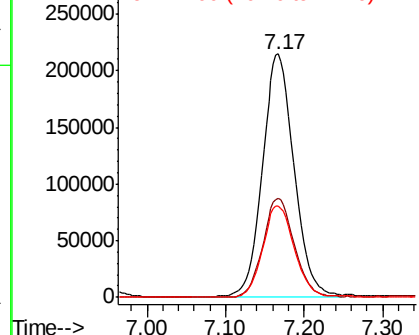
#29
Tetrahydrofuran
Concen: 260.921 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 608160
Ion Ratio Lower Upper
42 100
72 40.4 31.4 47.2
71 37.8 30.0 45.0

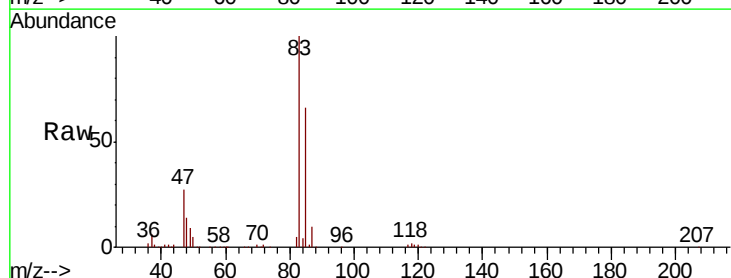


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

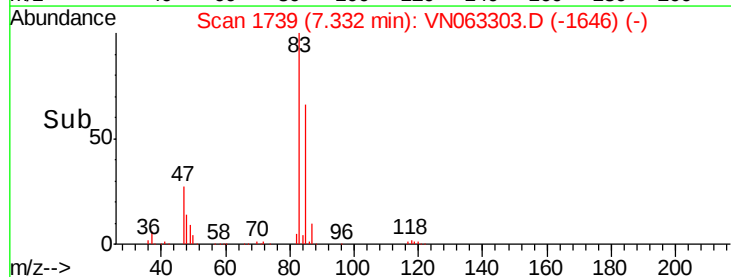
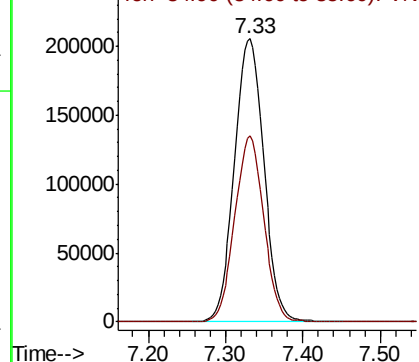


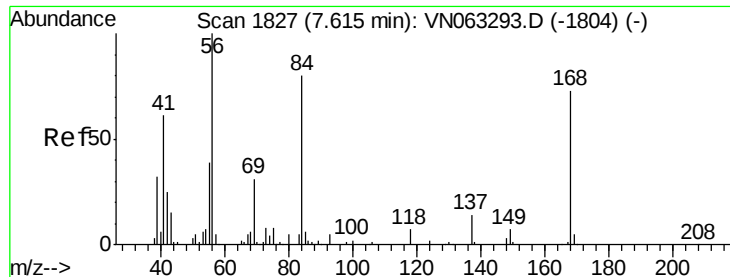
#30
Chloroform
Concen: 50.626 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 83 Resp: 542806
Ion Ratio Lower Upper
83 100
85 65.9 51.2 76.8



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

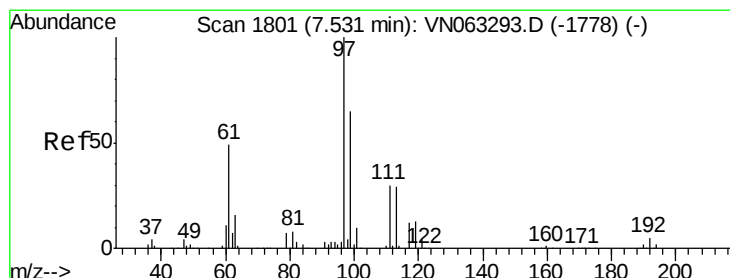
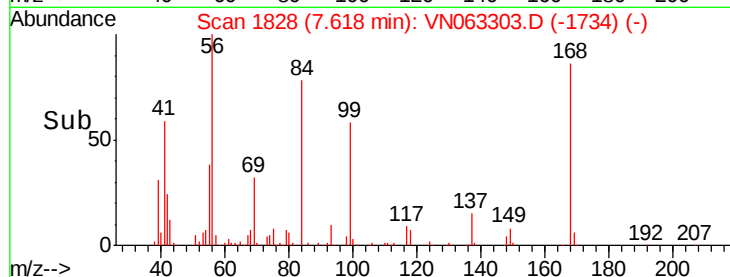
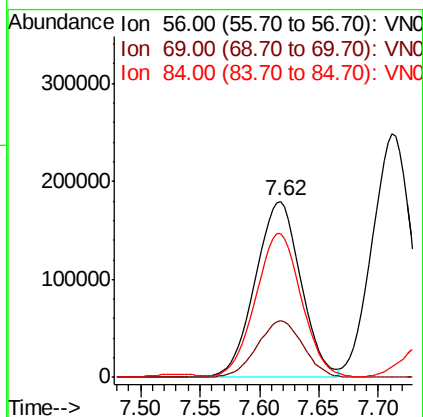
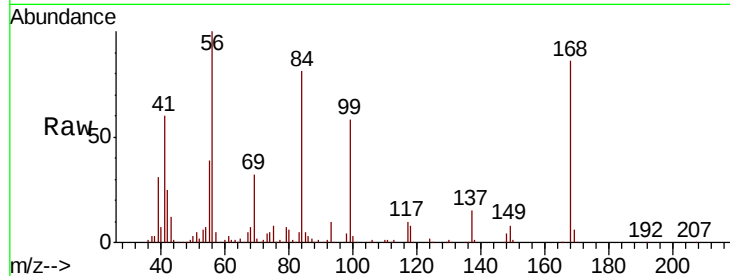




#31
Cyclohexane
Concen: 48.487 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

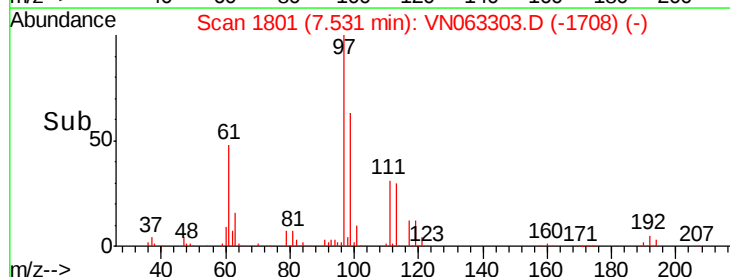
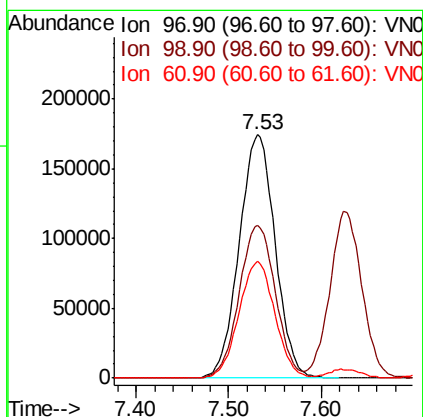
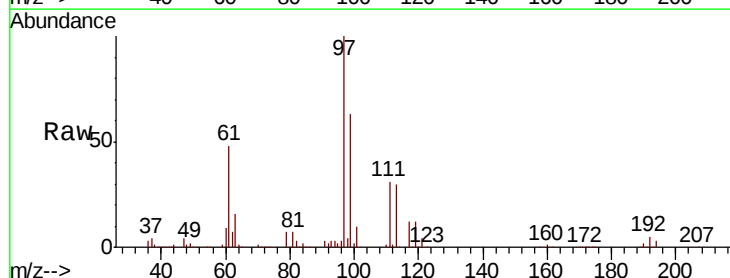
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

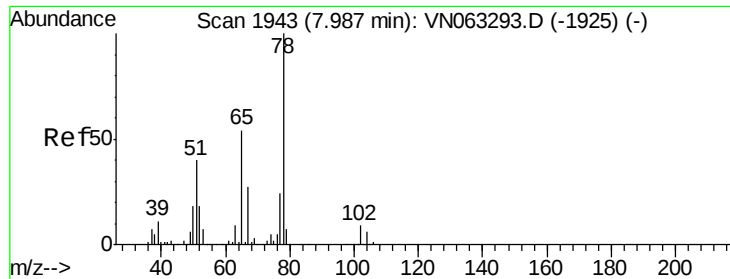
Tot Ion: 56 Resp: 477251
Ion Ratio Lower Upper
56 100
69 32.1 25.1 37.7
84 79.9 64.2 96.2



#32
1,1,1-Trichloroethane
Concen: 50.205 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 97 Resp: 469248
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.2
61 47.9 38.9 58.3

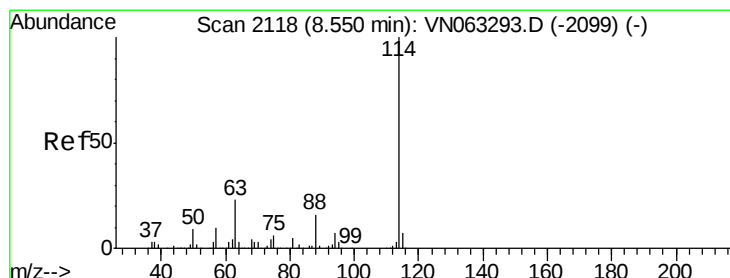
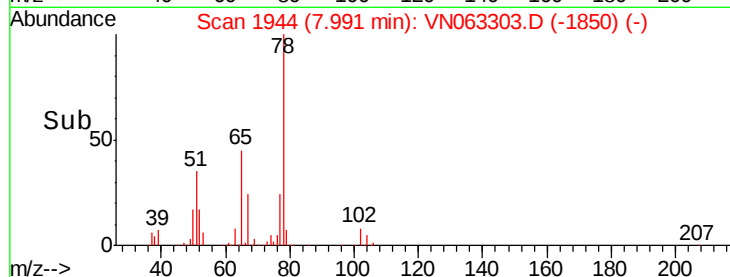
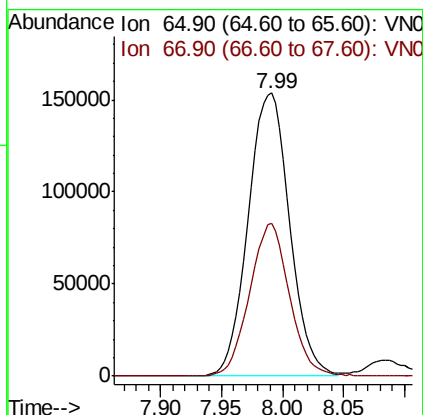
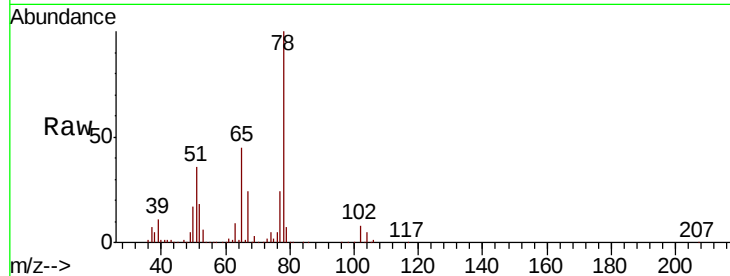




#33
 1,2-Dichloroethane-d4
 Concen: 51.595 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

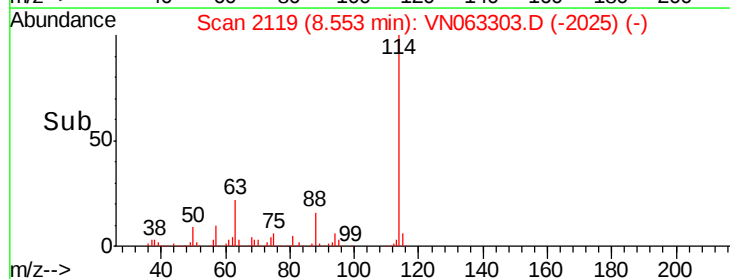
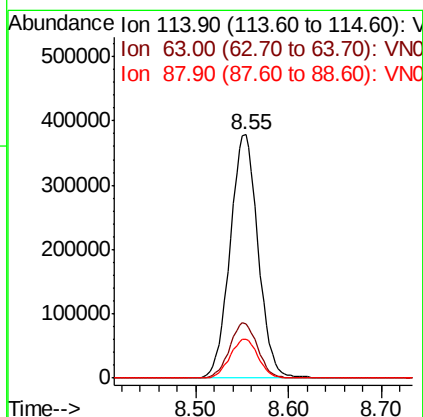
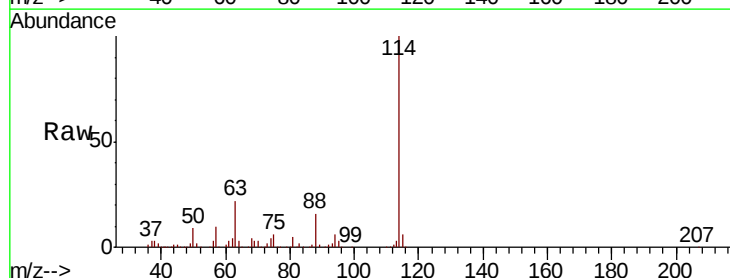
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

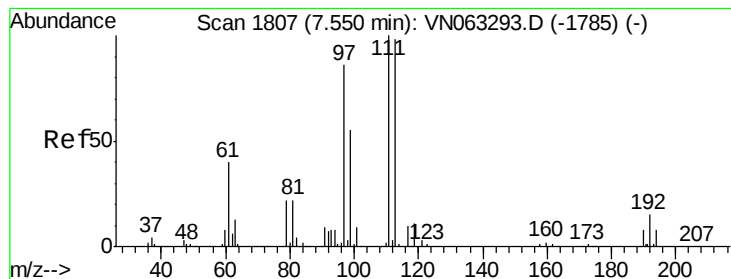
Tot Ion: 65 Resp: 362084
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 114 Resp: 793341
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.0
 88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.884 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

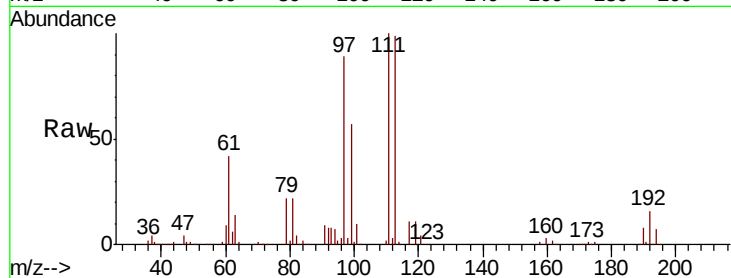
Tot Ion:113 Resp: 265544

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

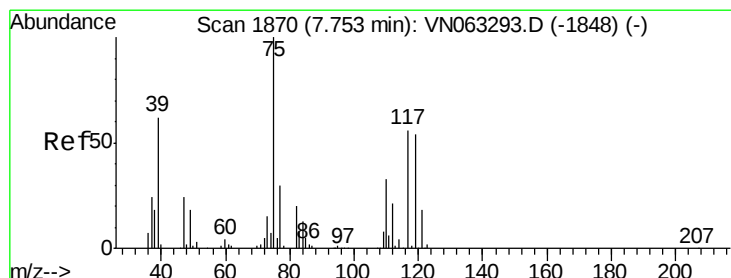
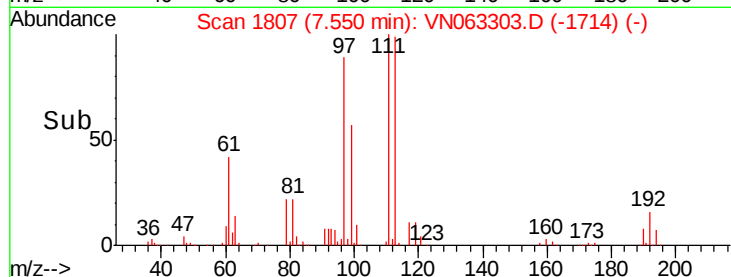
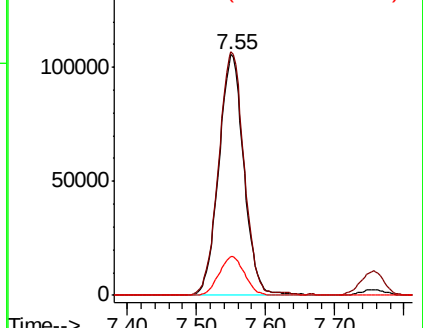
192 16.5 12.9 19.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.165 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

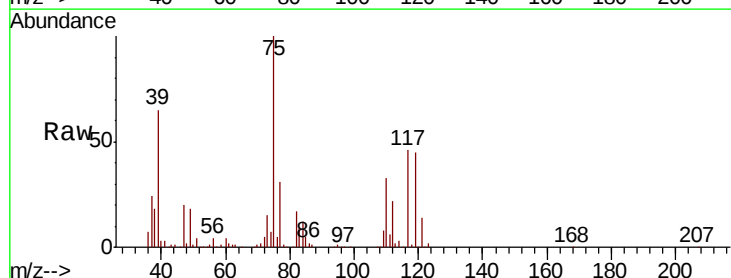
Tgt Ion: 75 Resp: 409078

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.4

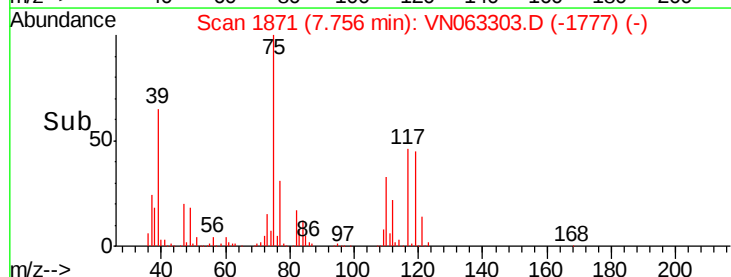
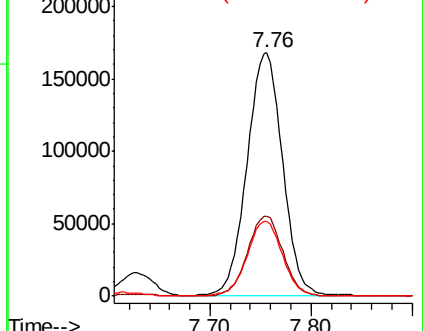
77 30.7 24.8 37.2

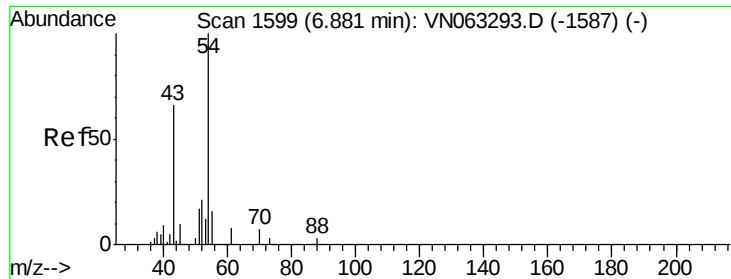


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

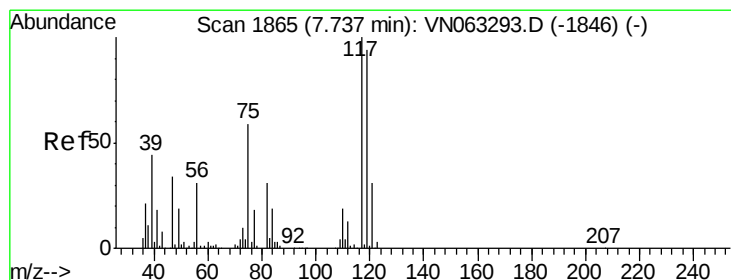
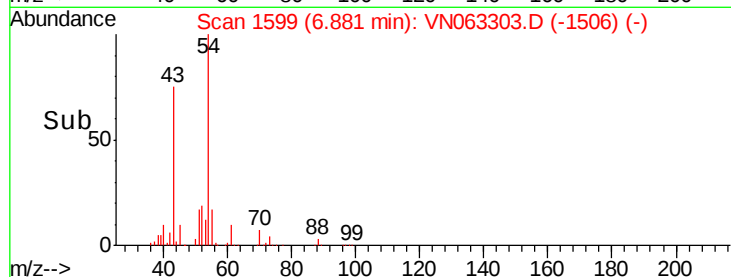
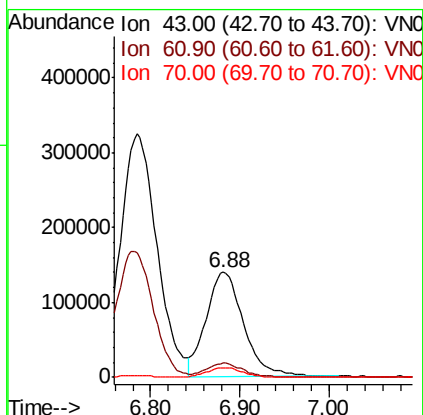
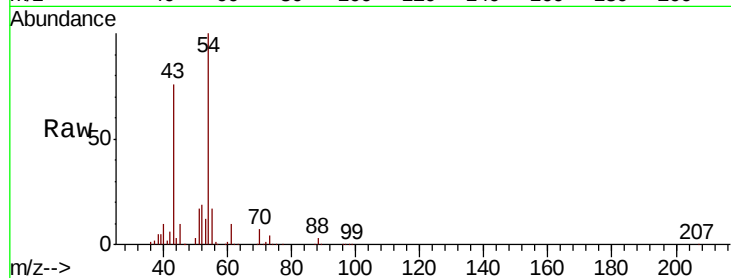




#37
Ethyl Acetate
Concen: 50.429 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

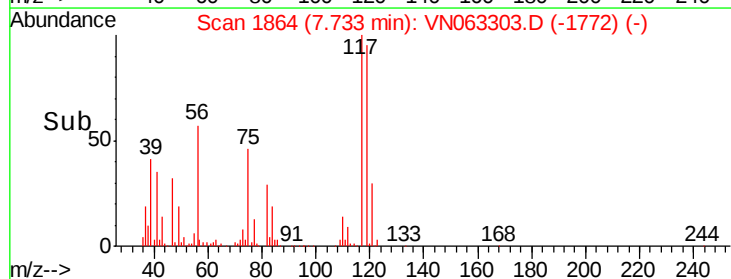
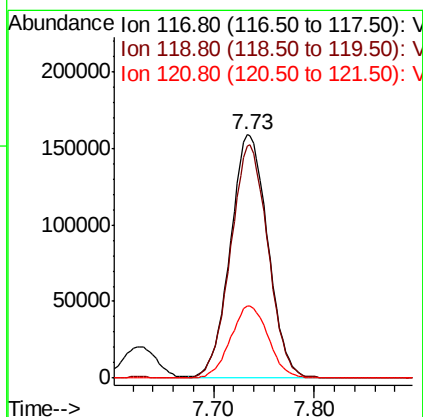
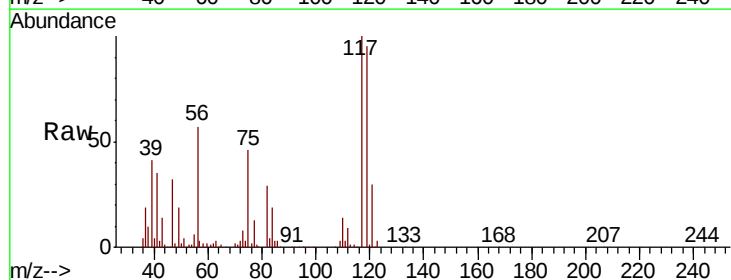
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

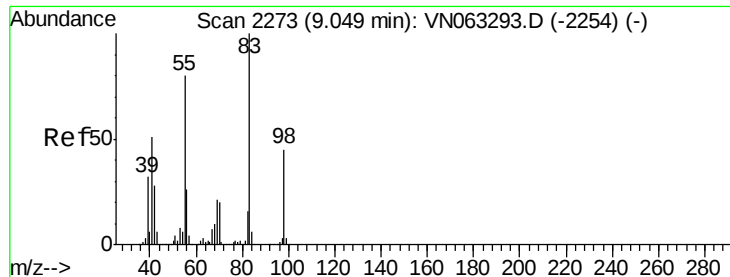
Tot Ion: 43 Resp: 404575
Ion Ratio Lower Upper
43 100
61 13.0 10.1 15.1
70 9.3 7.4 11.2



#38
Carbon Tetrachloride
Concen: 50.841 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 117 Resp: 408037
Ion Ratio Lower Upper
117 100
119 95.4 75.3 112.9
121 29.9 24.6 37.0

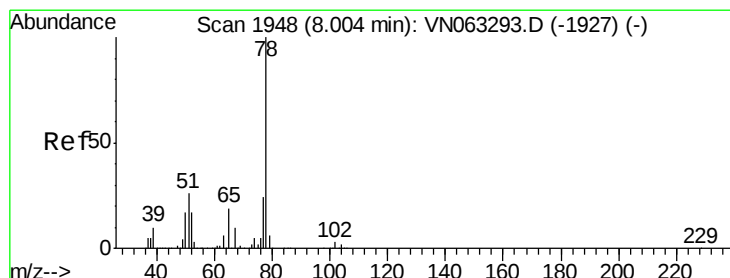
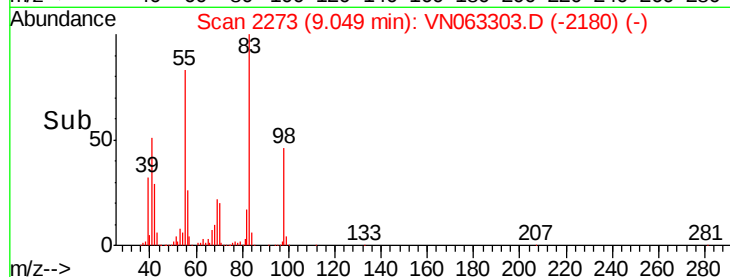
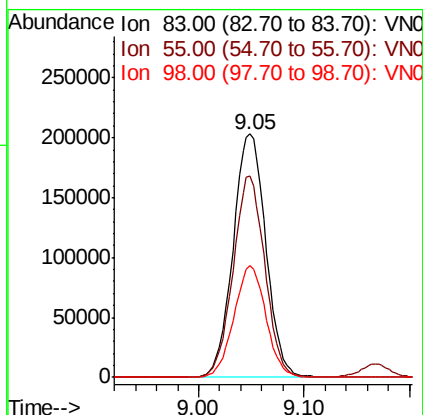
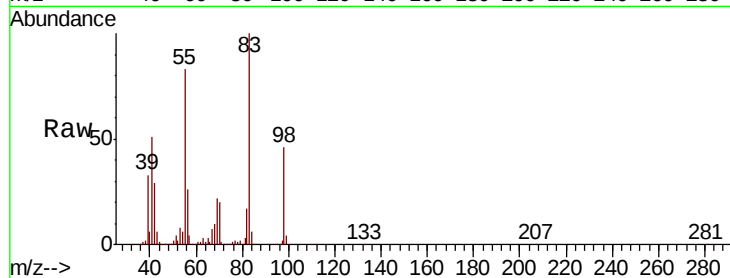




#39
Methvlcvclohexane
Concen: 49.117 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

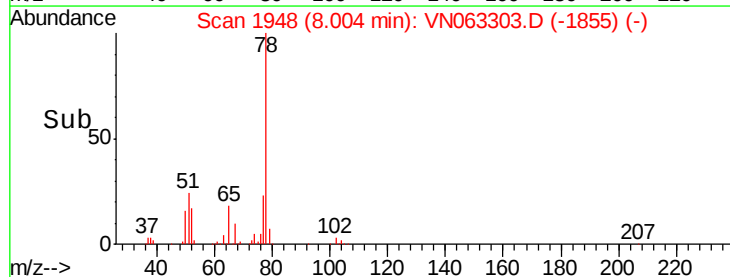
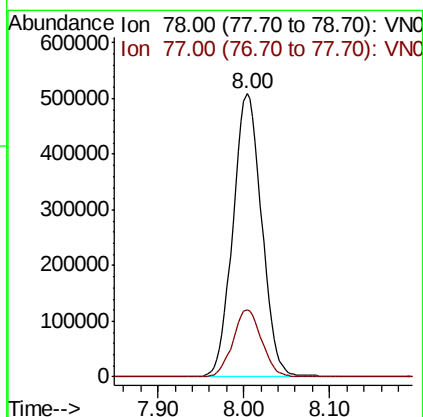
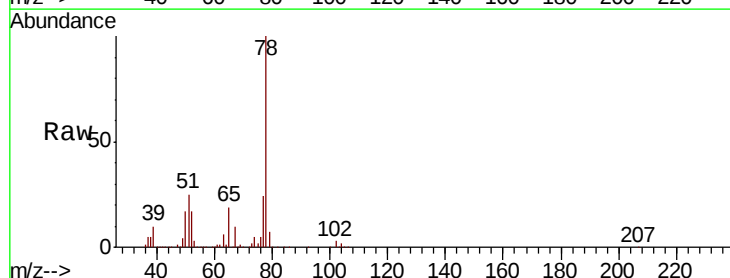
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

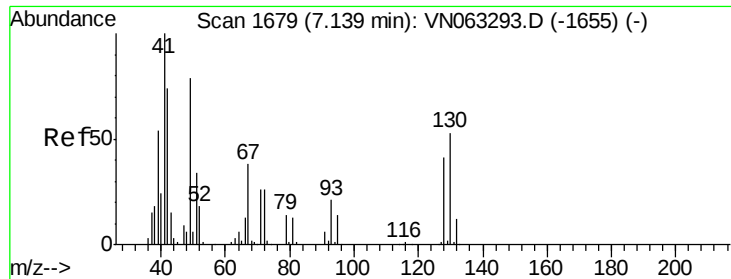
Tot Ion: 83 Resp: 436958
Ion Ratio Lower Upper
83 100
55 82.9 64.0 96.0
98 45.7 36.4 54.6



#40
Benzene
Concen: 50.801 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 78 Resp: 1183216
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

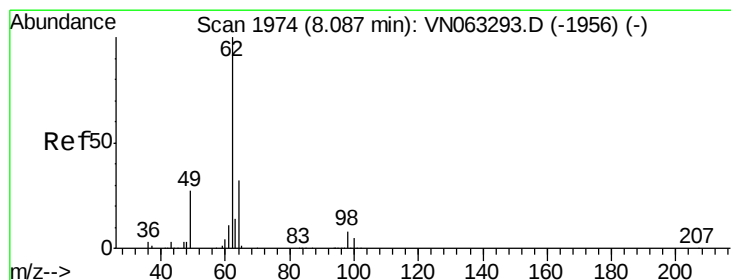
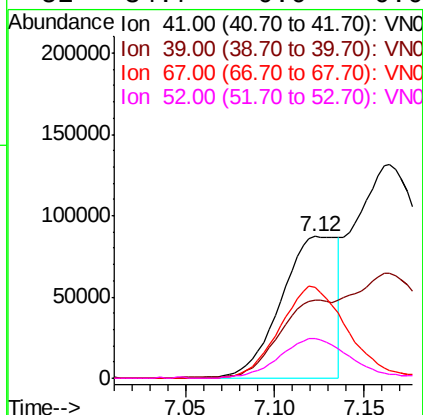
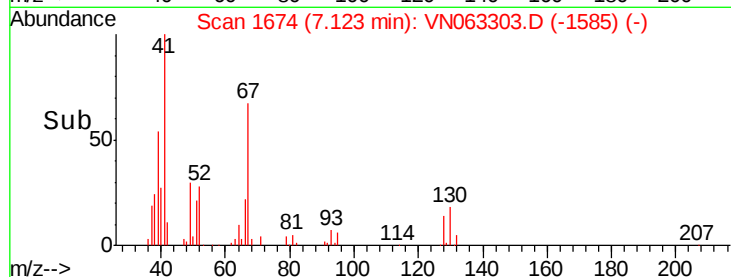
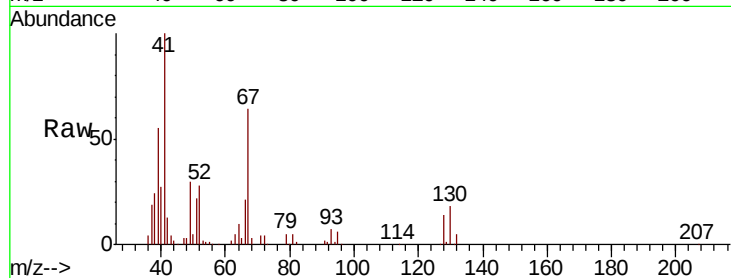




#41
Methacrylonitrile
Concen: 52.279 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

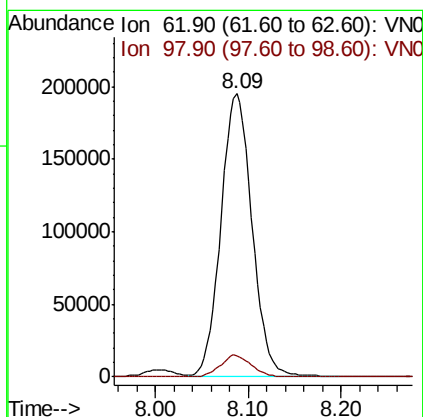
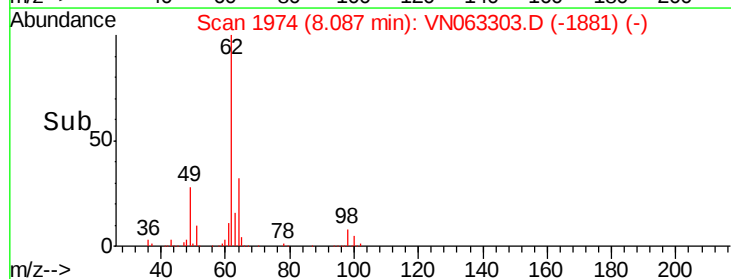
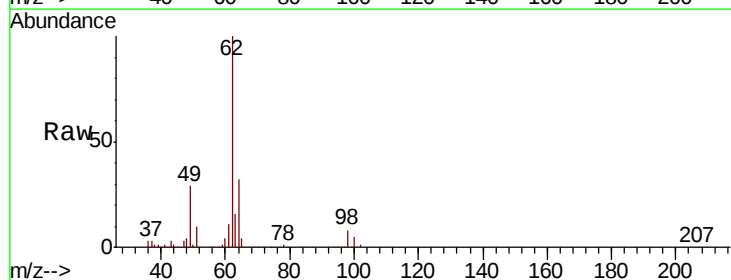
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

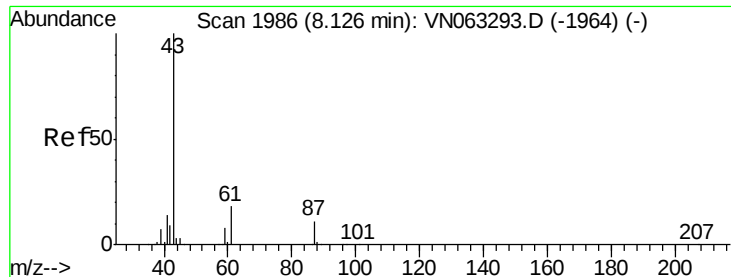
Tot Ion:	41	Resp:	189713
Ion	Ratio	Lower	Upper
41	100		
39	50.8	0.0	0.0#
67	78.8	0.0	0.0#
52	34.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.295 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion:	62	Resp:	453283
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.4





#43

Isopropyl Acetate

Concen: 52.091 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

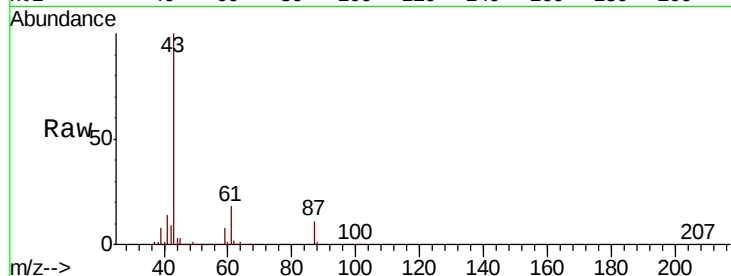
Tot Ion: 43 Resp: 707722

Ion Ratio Lower Upper

43 100

61 24.4 15.1 22.7#

87 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063303.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN063303.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN063303.D (-1987) (-)

8.13

400000

300000

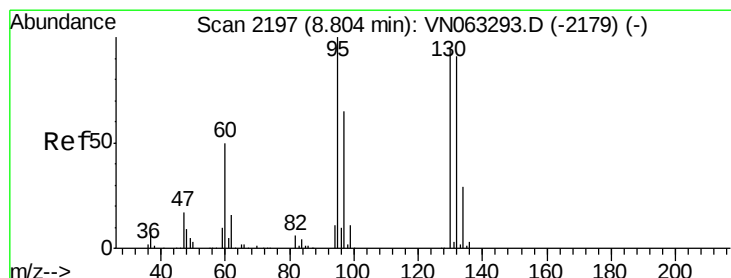
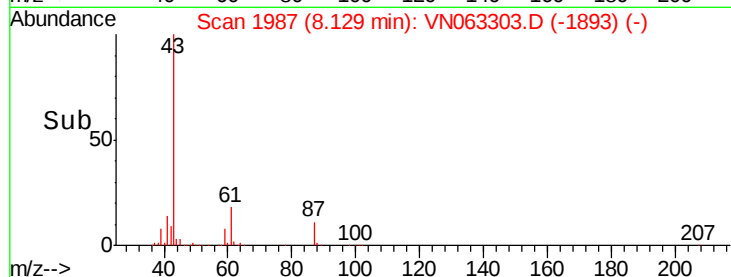
200000

100000

0

8.00 8.10 8.20

Time-->



#44

Trichloroethene

Concen: 51.293 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN063303.D

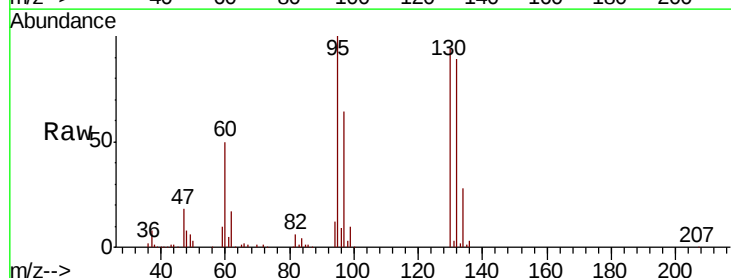
Acq: 10 Sep 2020 18:58

Tgt Ion: 130 Resp: 312429

Ion Ratio Lower Upper

130 100

95 106.0 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063303.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN063303.D (-2197) (-)

8.80

150000

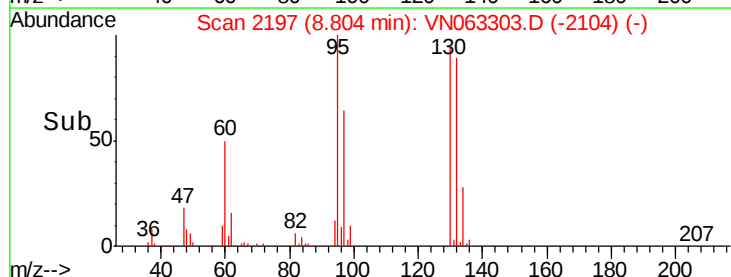
100000

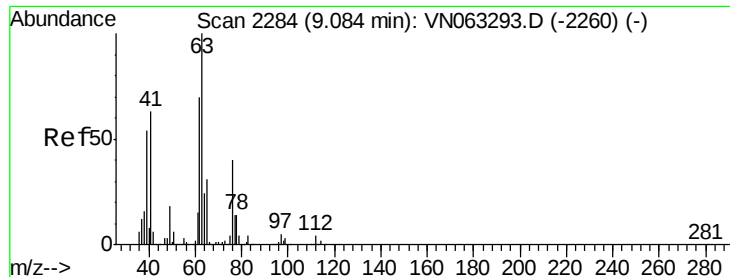
50000

0

8.70 8.80 8.90

Time-->

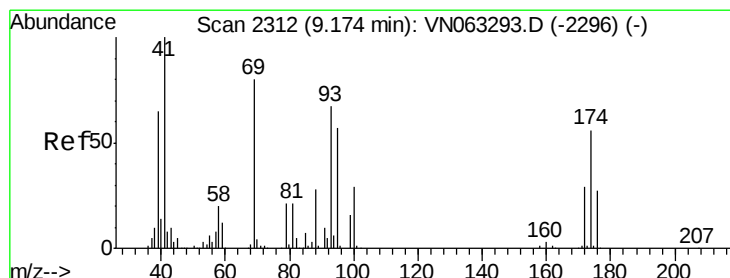
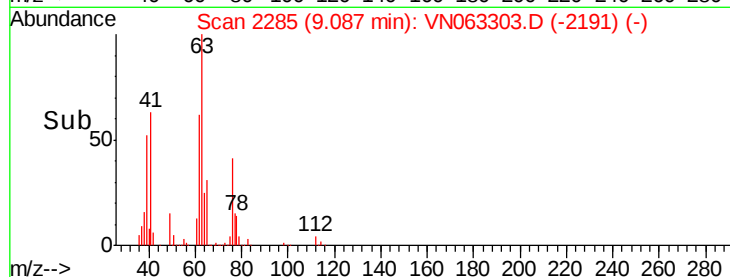
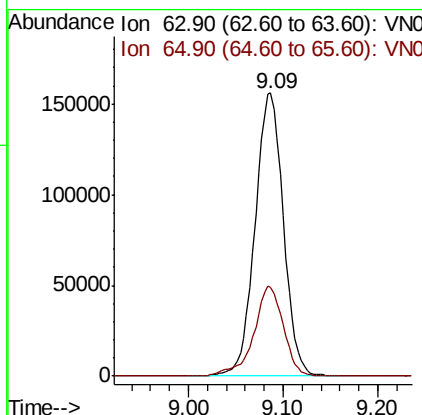
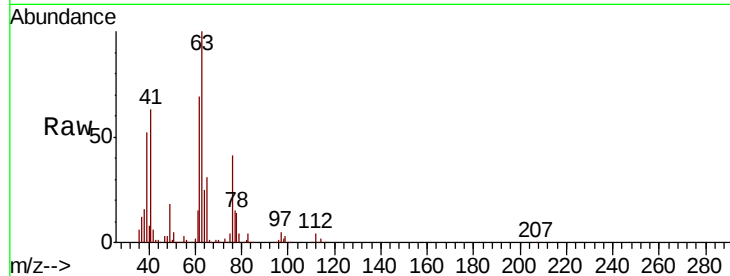




#45
 1,2-Dichloropropane
 Concen: 50.966 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

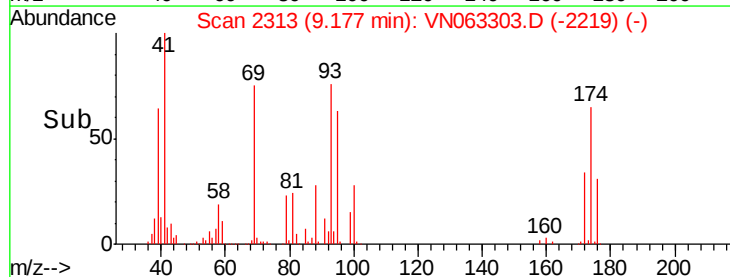
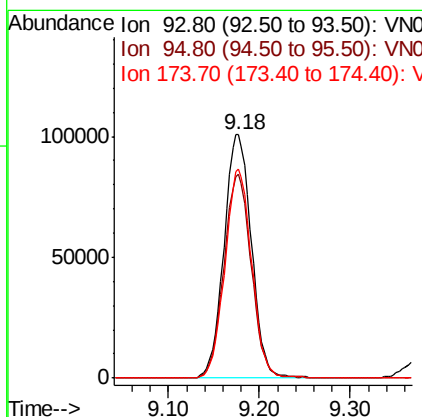
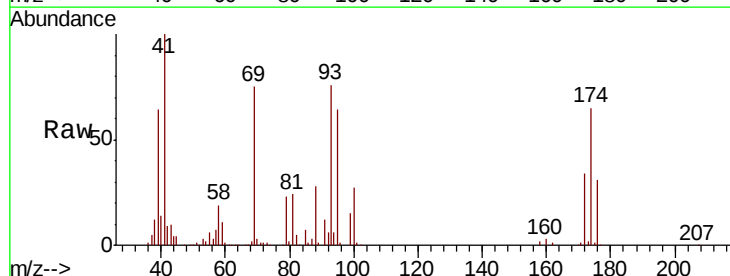
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

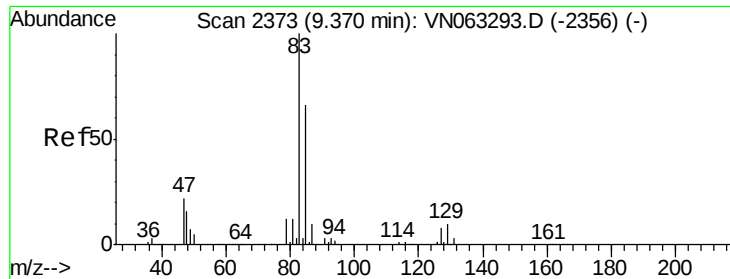
Tot Ion: 63 Resp: 325605
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 36.8



#46
 Dibromomethane
 Concen: 50.828 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 93 Resp: 210569
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.9 101.9
 174 83.9 66.9 100.3

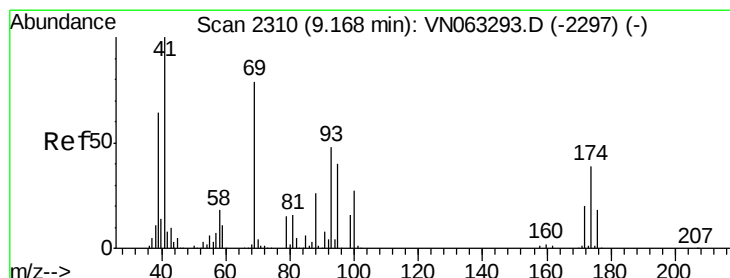
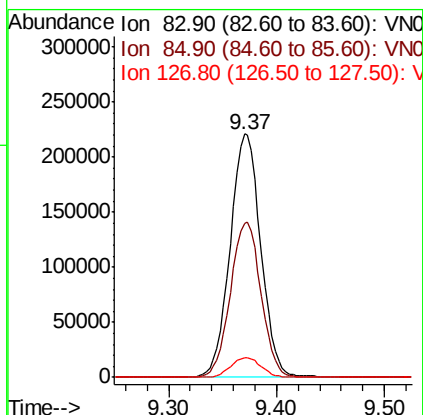
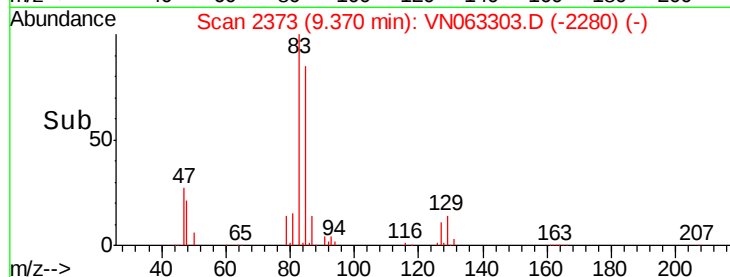
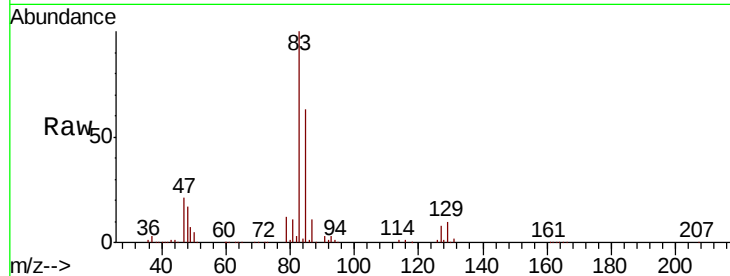




#47
Bromodichloromethane
Concen: 50.393 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

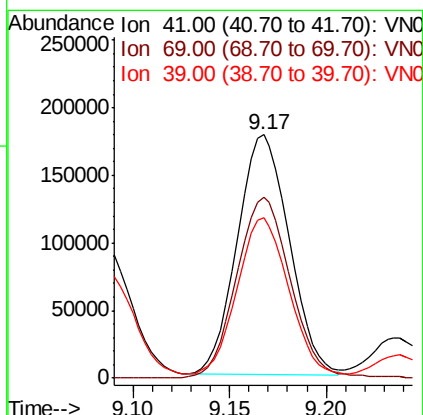
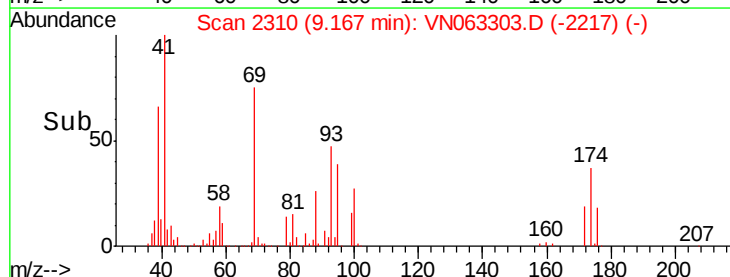
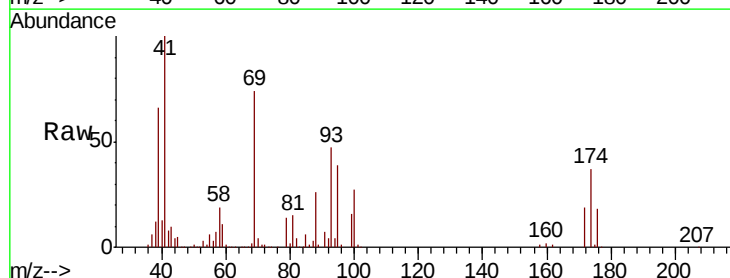
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

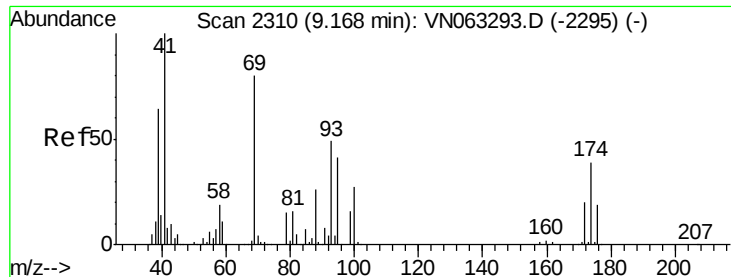
Tot Ion: 83 Resp: 435062
Ion Ratio Lower Upper
83 100
85 63.4 52.5 78.7
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 51.446 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 41 Resp: 333505
Ion Ratio Lower Upper
41 100
69 77.8 63.6 95.4
39 66.9 53.2 79.8

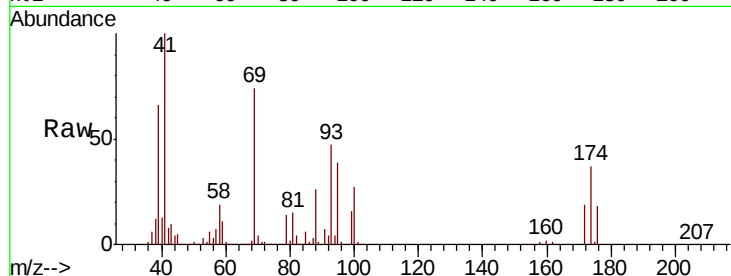




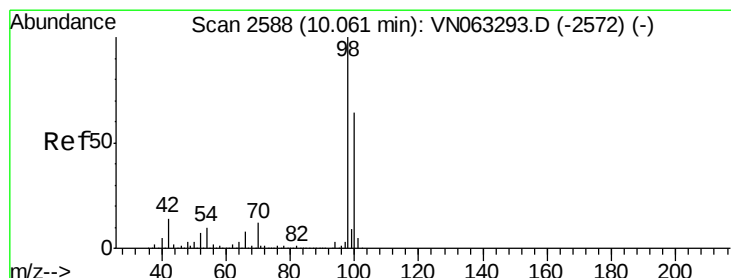
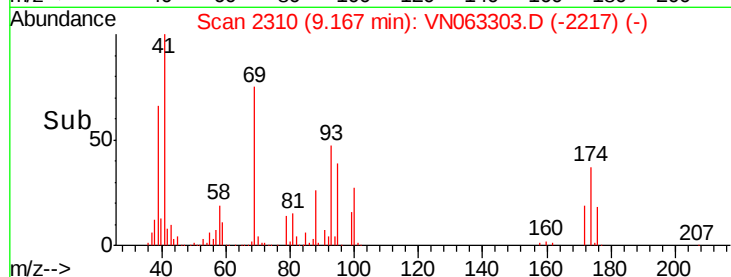
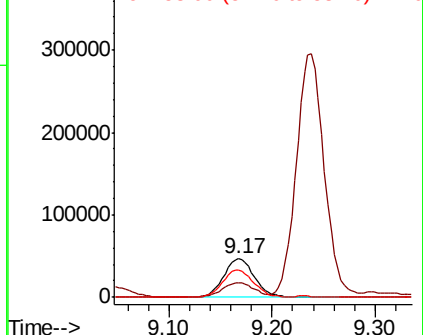
#49
1,4-Dioxane
Concen: 977.074 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 98070
Ion Ratio Lower Upper
88 100
43 37.2 30.5 45.7
58 71.0 58.9 88.3

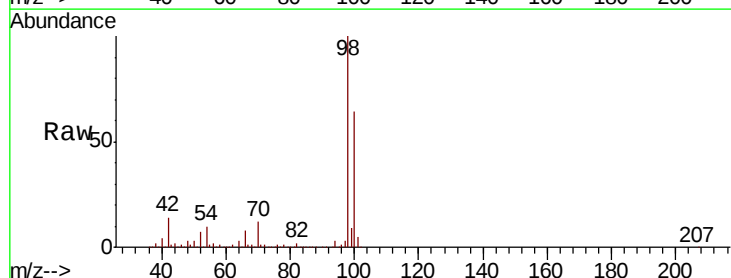


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

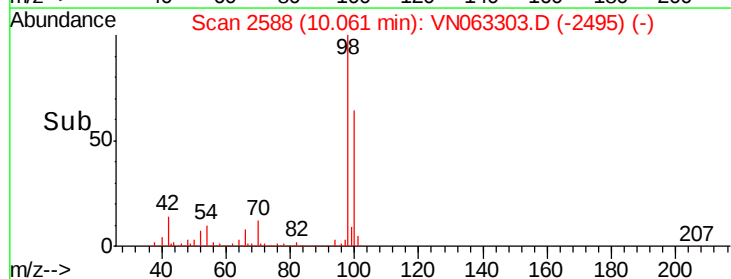
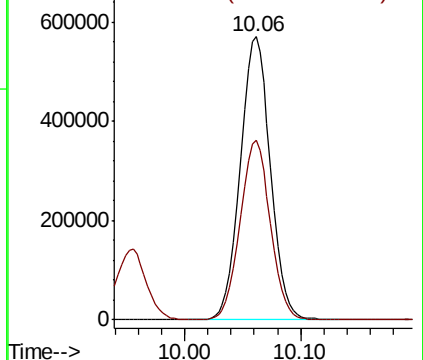


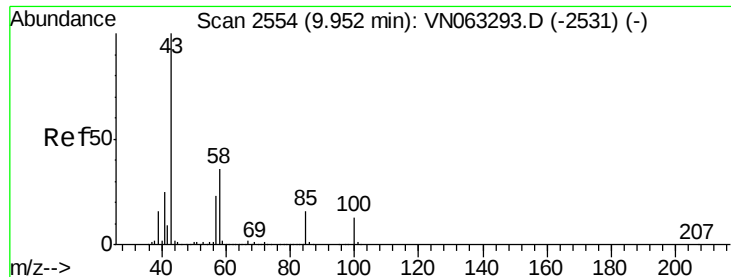
#50
Toluene-d8
Concen: 52.340 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 98 Resp: 1026576
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 271.531 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

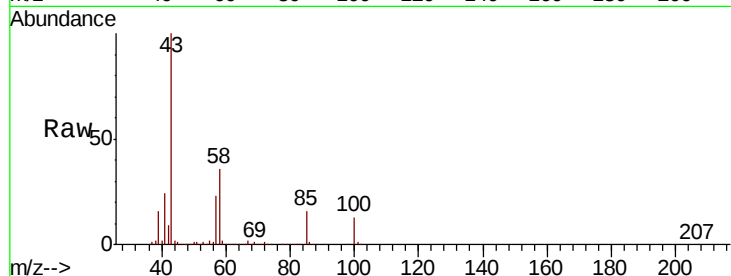
VSTDCCC050EC

Tot Ion: 43 Resp: 2033055

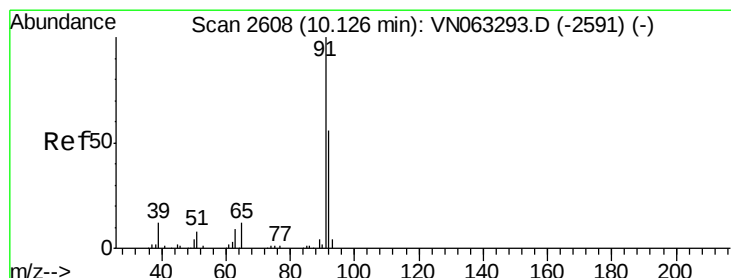
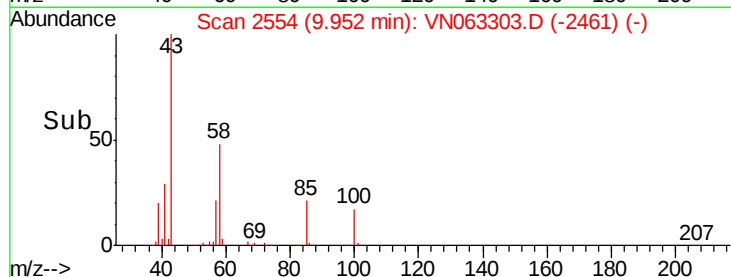
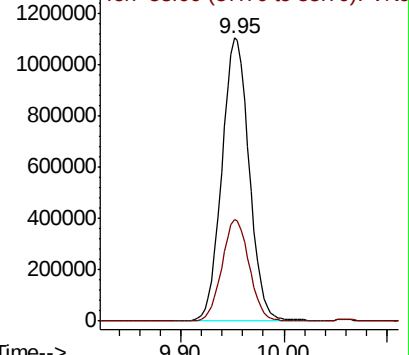
Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063303.D (-2531) (-)



#52

Toluene

Concen: 51.296 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063303.D

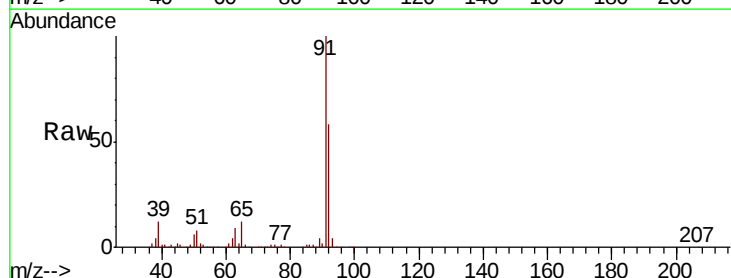
Acq: 10 Sep 2020 18:58

Tgt Ion: 92 Resp: 729450

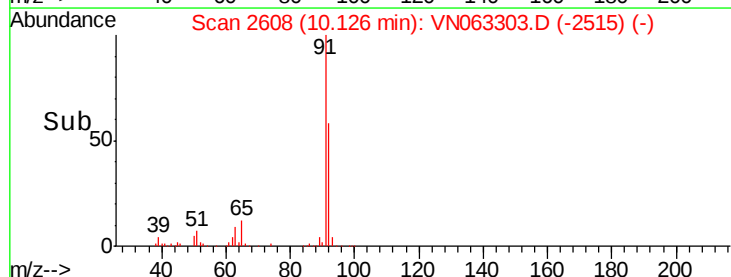
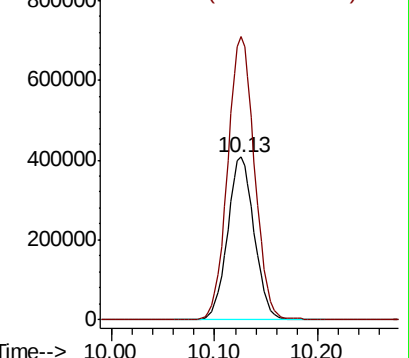
Ion Ratio Lower Upper

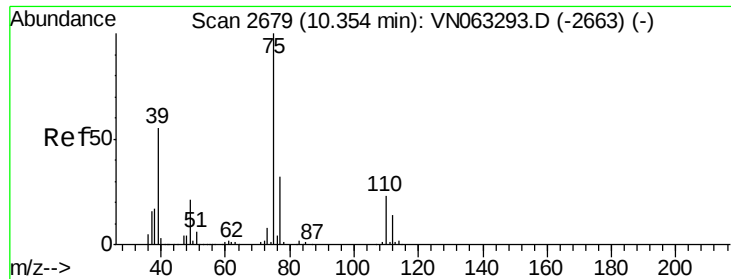
92 100

91 175.7 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063303.D (-2591) (-)





#53

t-1,3-Dichloropropene

Concen: 51.247 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

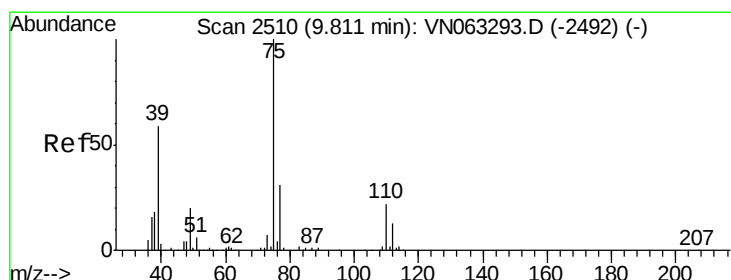
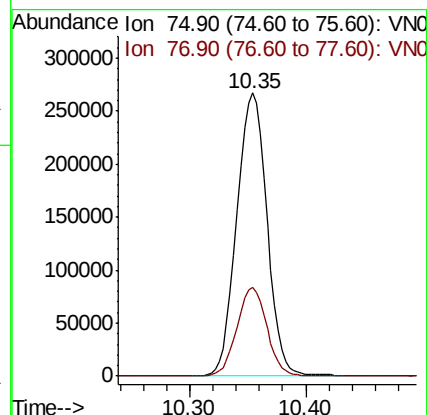
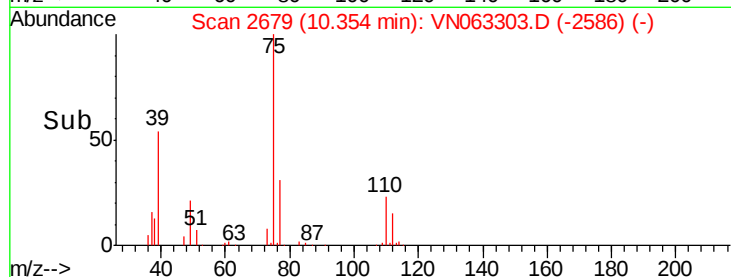
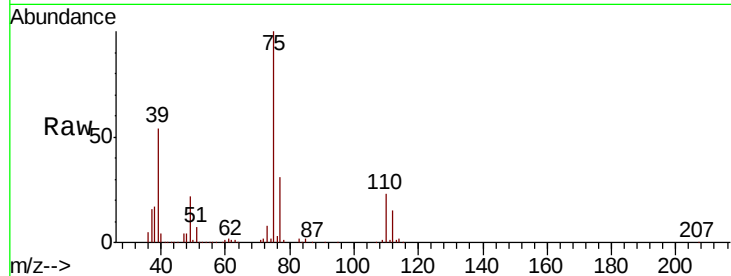
VSTDCCC050EC

Tot Ion: 75 Resp: 482469

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 50.461 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

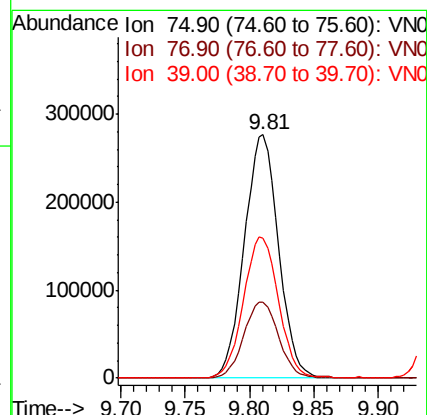
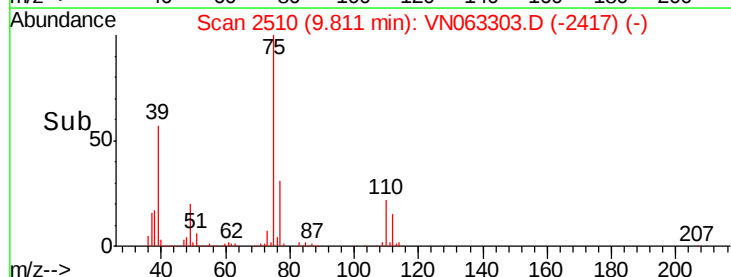
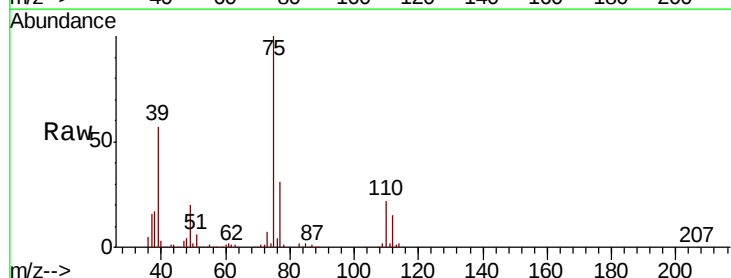
Tgt Ion: 75 Resp: 511507

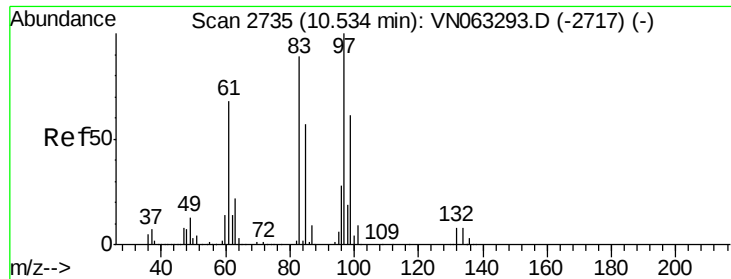
Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 57.2 47.2 70.8

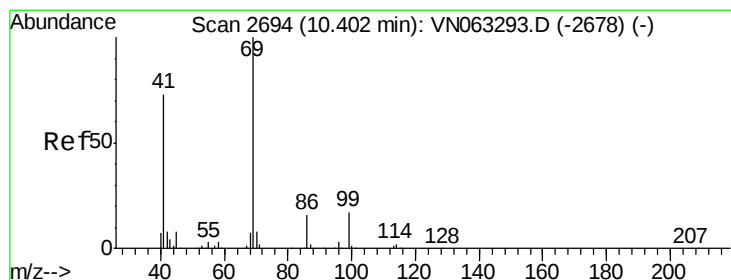
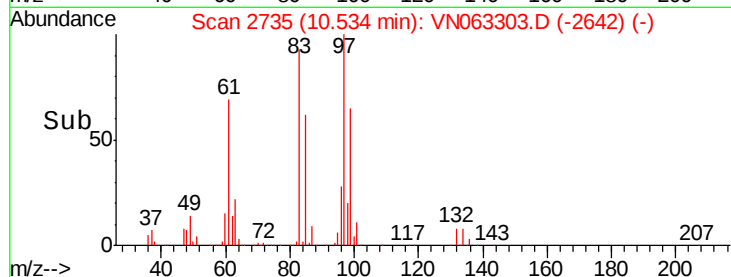
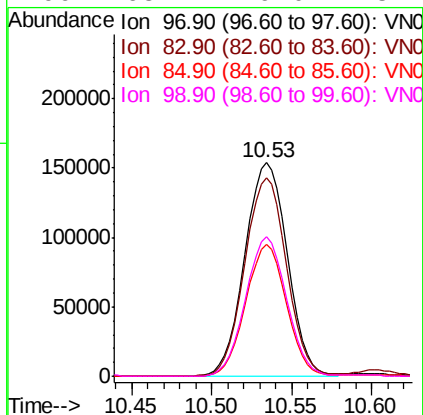
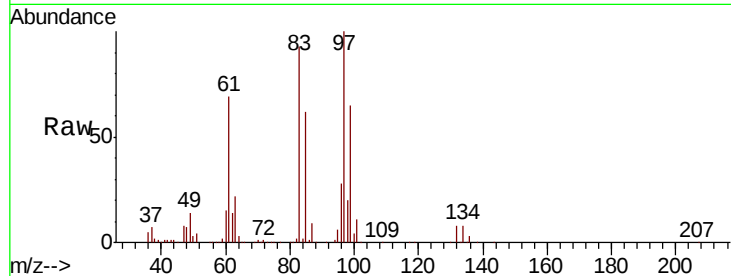




#55
 1,1,2-Trichloroethane
 Concen: 50.370 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

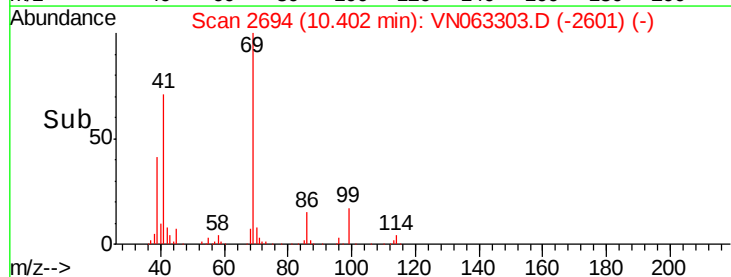
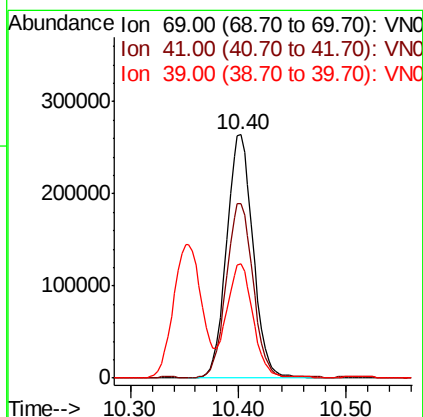
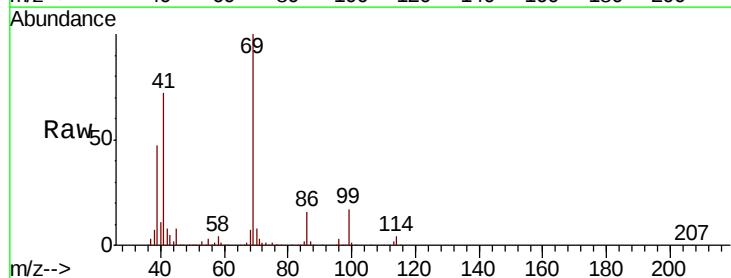
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

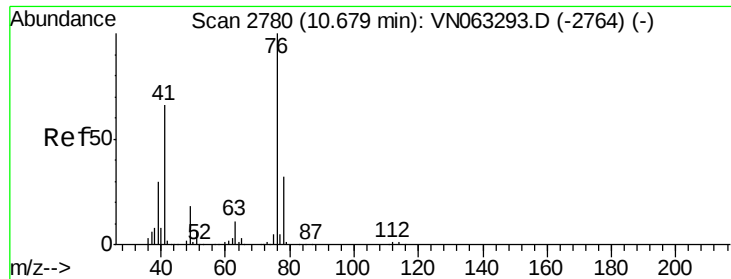
Tot Ion:	97	Resp:	280678
Ion	Ratio	Lower	Upper
97	100		
83	92.6	70.8	106.2
85	61.7	45.6	68.4
99	65.1	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 53.434 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion:	69	Resp:	452781
Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.4	87.6
39	47.1	38.6	58.0





#57

1,3-Dichloropropane

Concen: 51.585 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

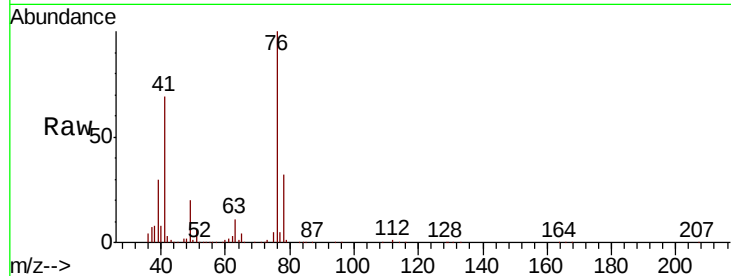
VSTDCCC050EC

Tot Ion: 76 Resp: 502289

Ion Ratio Lower Upper

76 100

78 31.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN063303.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN063303.D (-2687) (-)

10.68

250000

200000

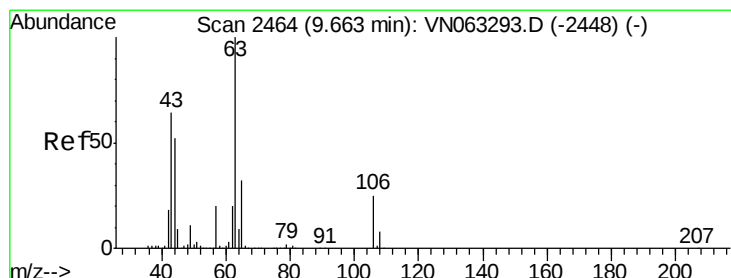
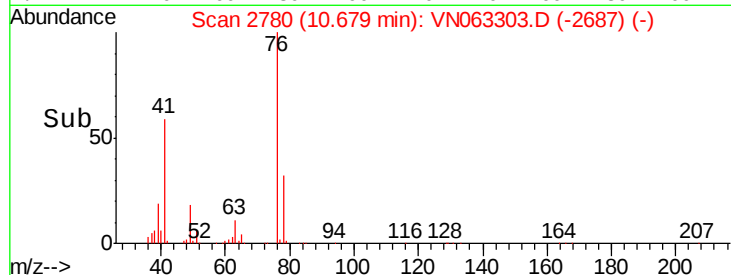
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.924 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063303.D

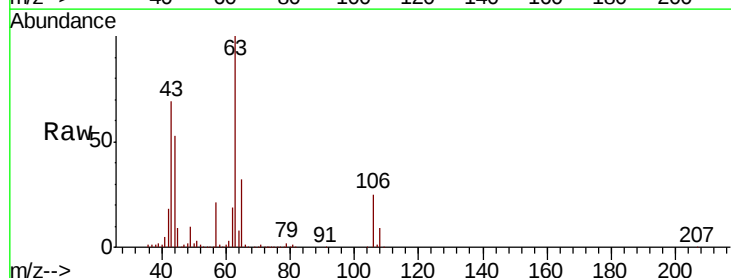
Acq: 10 Sep 2020 18:58

Tgt Ion: 63 Resp: 1117789

Ion Ratio Lower Upper

63 100

106 25.2 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN063303.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN063303.D (-2371) (-)

9.66

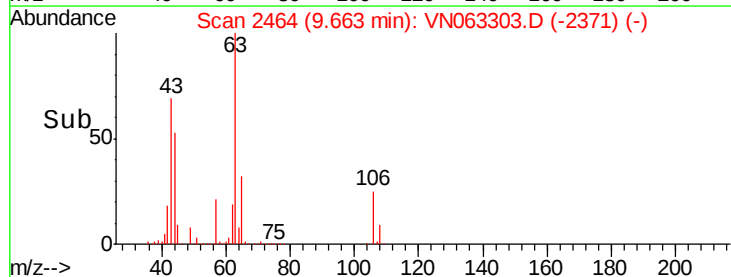
600000

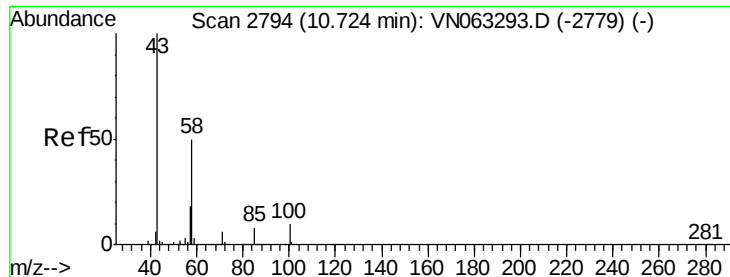
400000

200000

0

Time-->

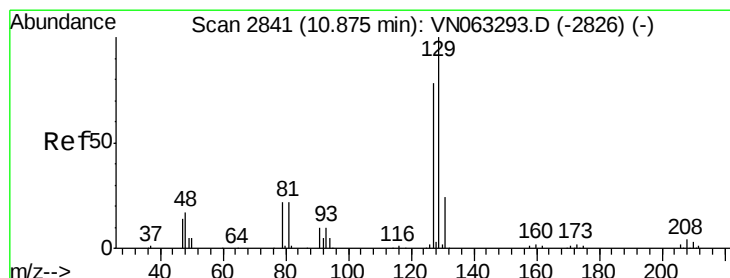
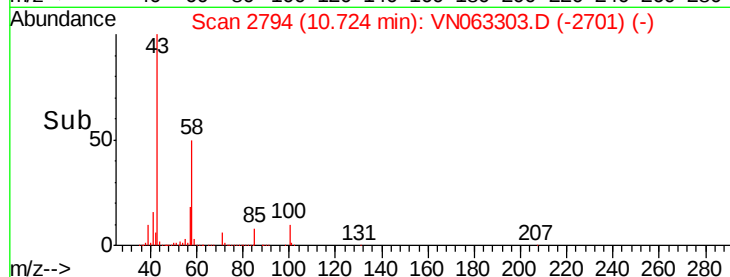
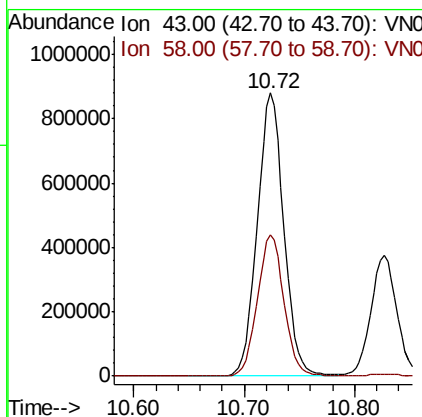
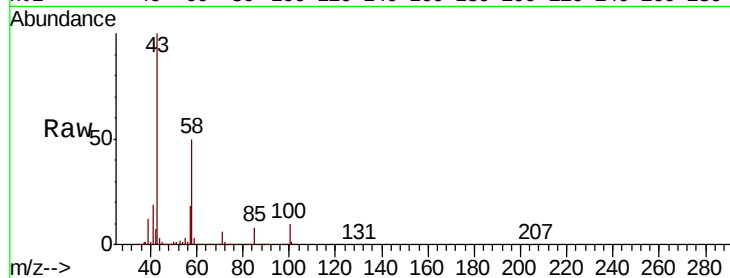




#59
2-Hexanone
Concen: 264.930 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

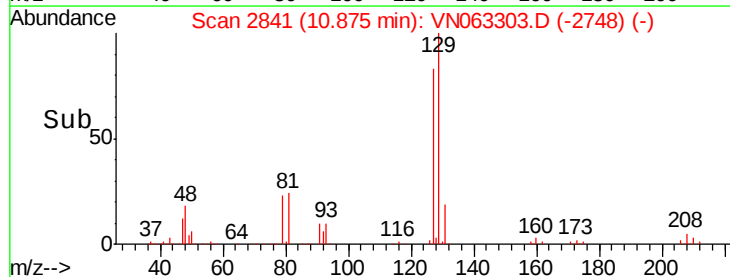
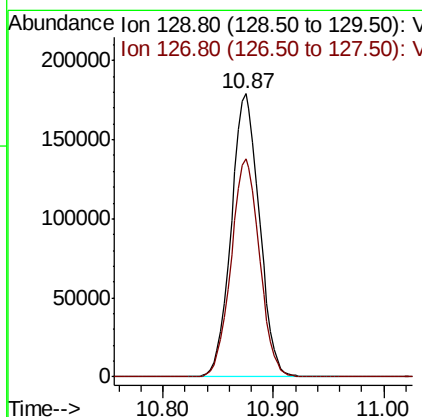
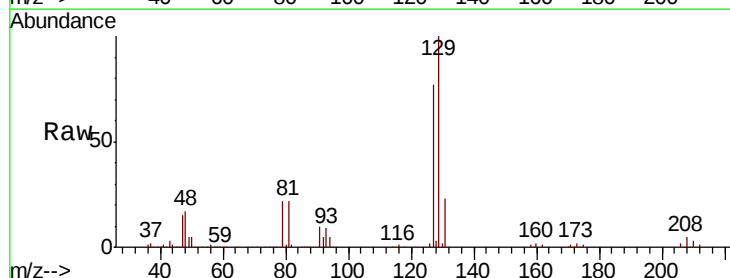
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

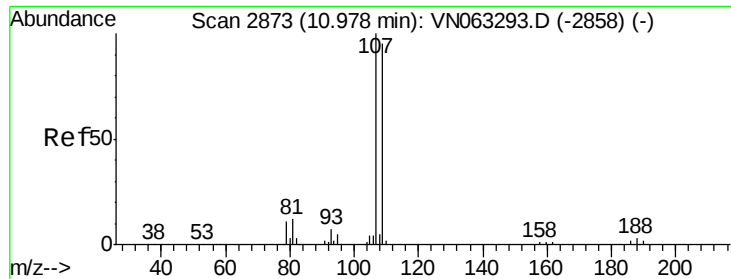
Tot Ion: 43 Resp: 1462945
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3



#60
Dibromochloromethane
Concen: 51.924 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 129 Resp: 317725
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

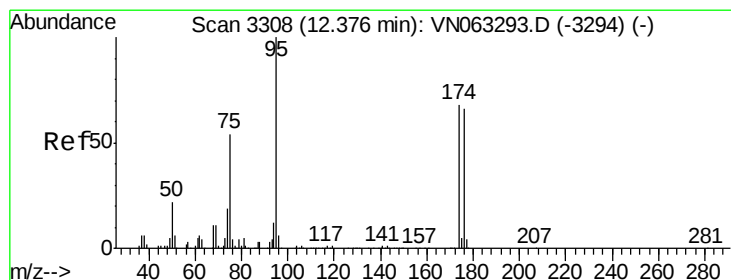
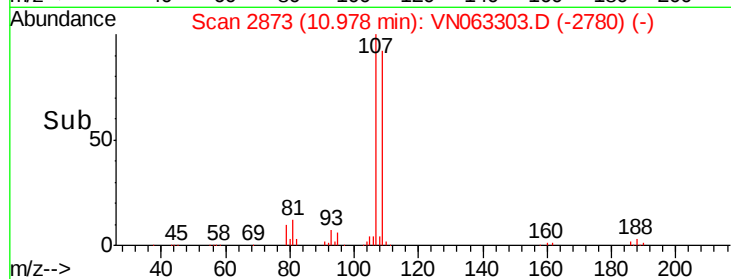
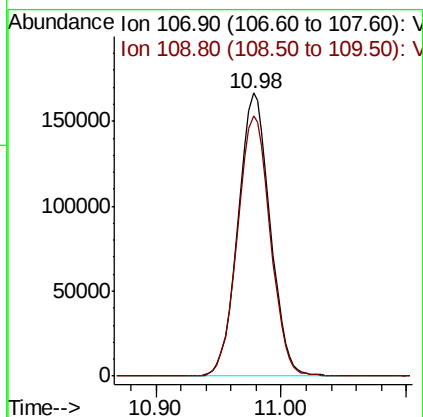
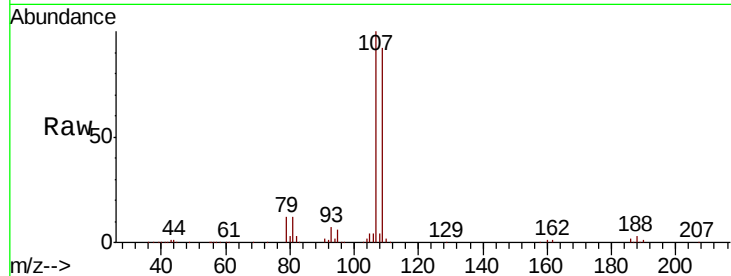




#61
 1,2-Dibromoethane
 Concen: 50.758 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

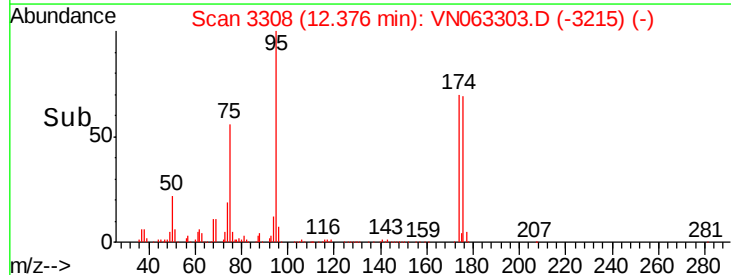
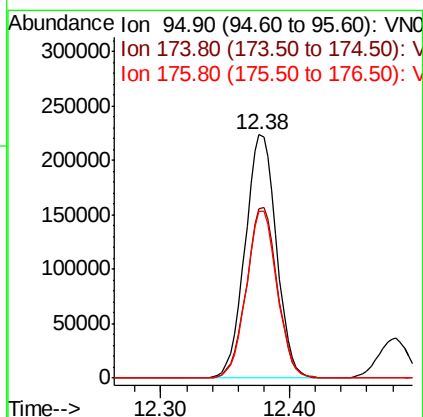
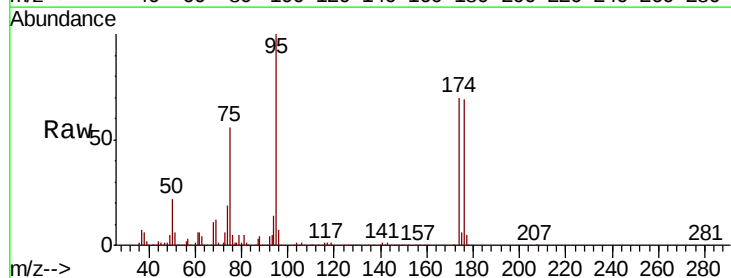
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

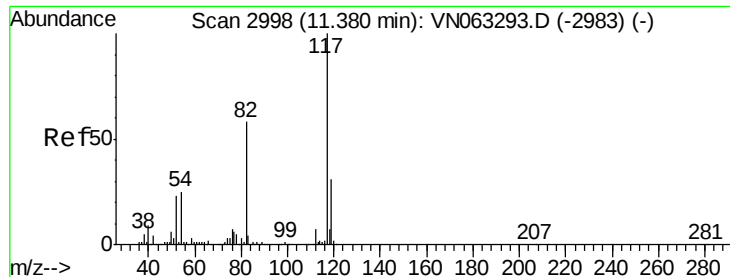
Tot Ion:107 Resp: 294862
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 52.223 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion: 95 Resp: 378323
 Ion Ratio Lower Upper
 95 100
 174 69.4 0.0 136.6
 176 67.5 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: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

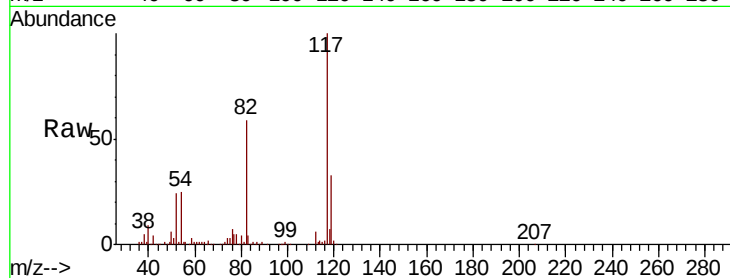
Tot Ion:117 Resp: 716414

Ion Ratio Lower Upper

117 100

82 58.8 46.4 69.6

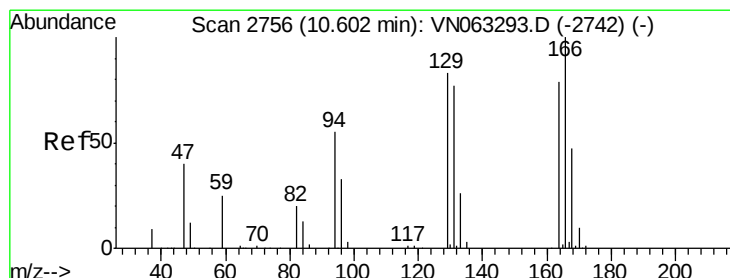
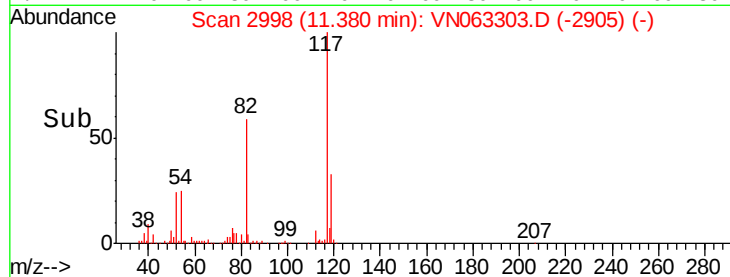
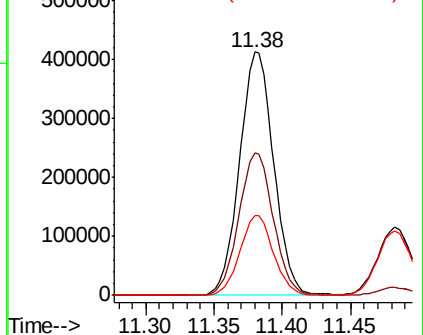
119 33.0 24.8 37.2



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: 52.087 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion:164 Resp: 305690

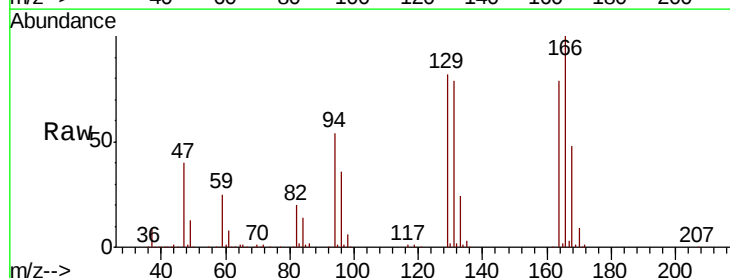
Ion Ratio Lower Upper

164 100

166 126.4 101.3 151.9

129 103.8 83.7 125.5

131 100.1 78.2 117.4

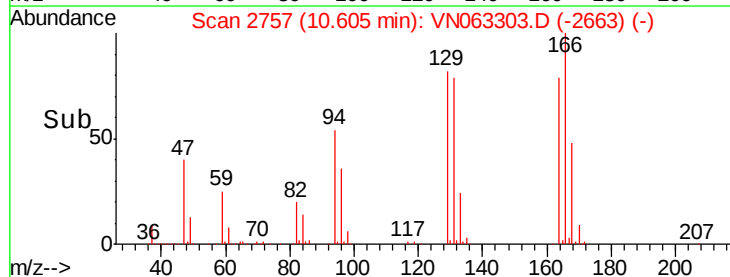
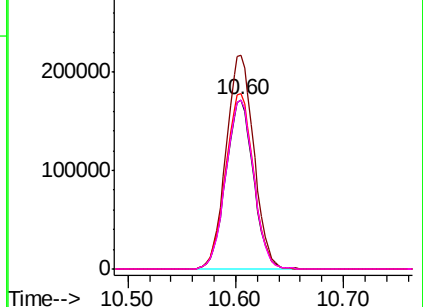


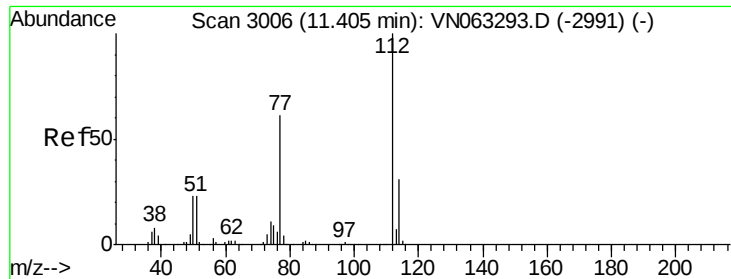
Abundance Ion 163.80 (163.50 to 164.50): V

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

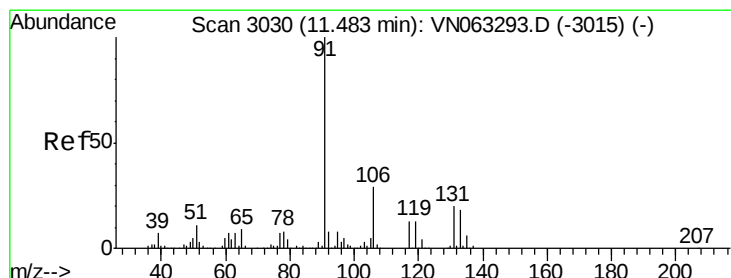
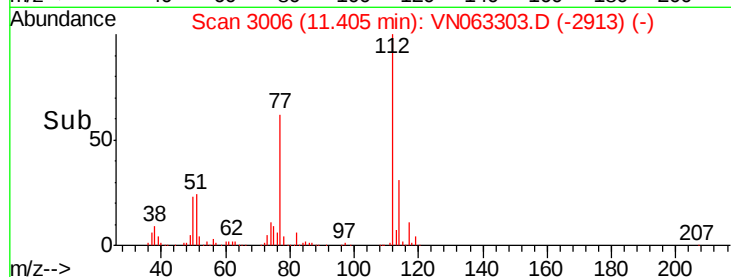
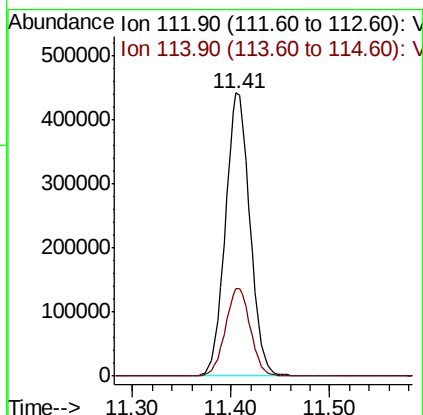
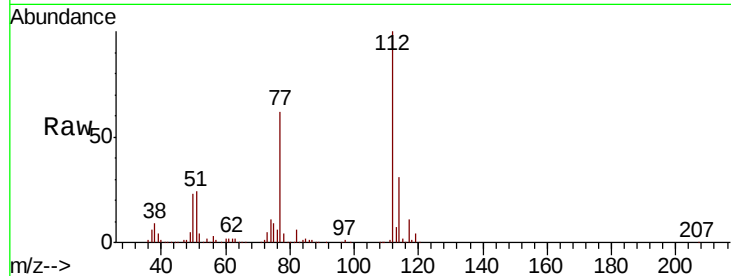




#65
Chlorobenzene
Concen: 49.966 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

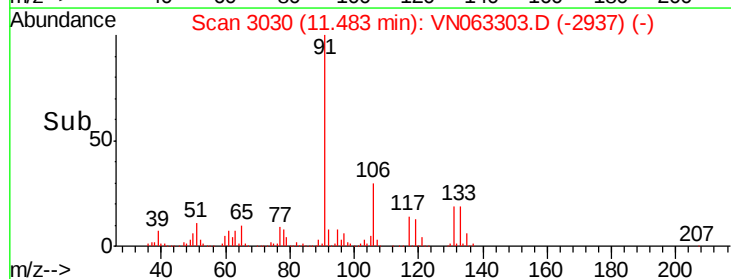
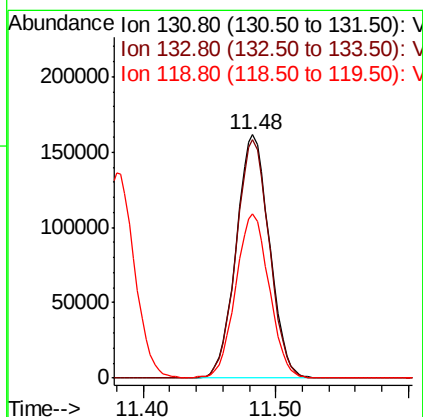
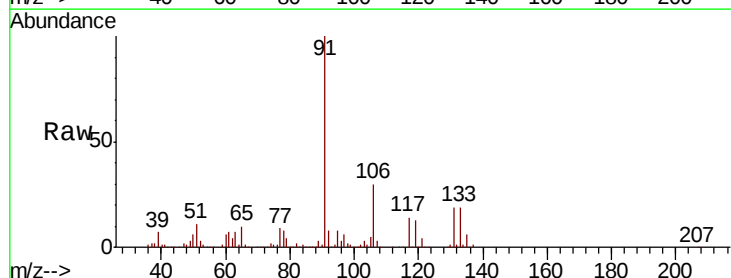
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

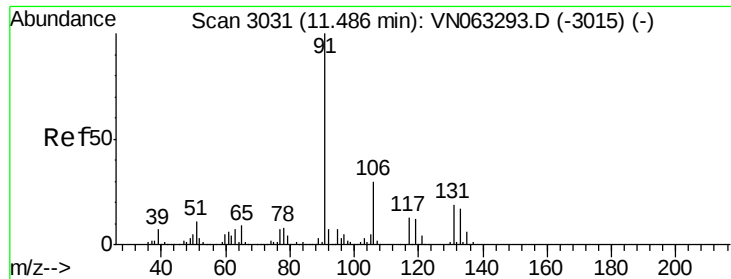
Tot Ion:112 Resp: 770636
Ion Ratio Lower Upper
112 100
114 30.8 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.154 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion:131 Resp: 281832
Ion Ratio Lower Upper
131 100
133 97.4 47.4 142.2
119 67.5 33.8 101.3

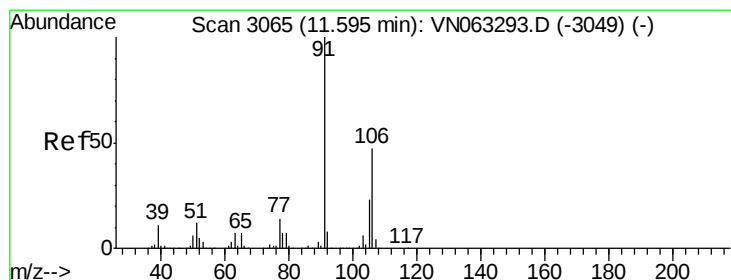
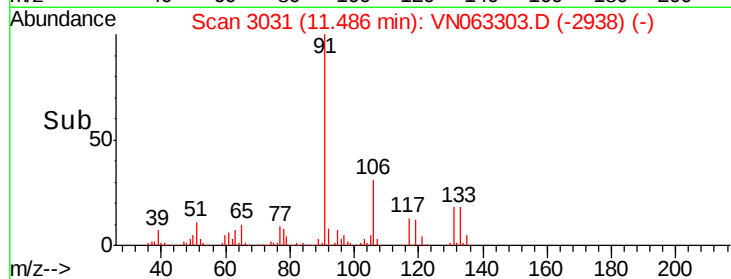
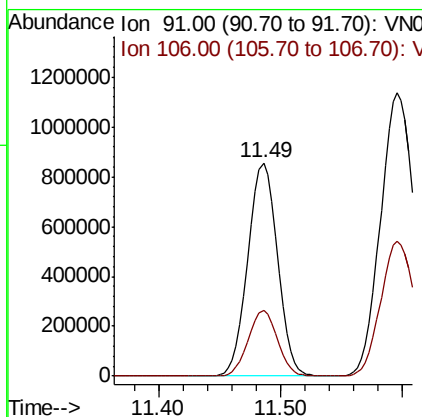
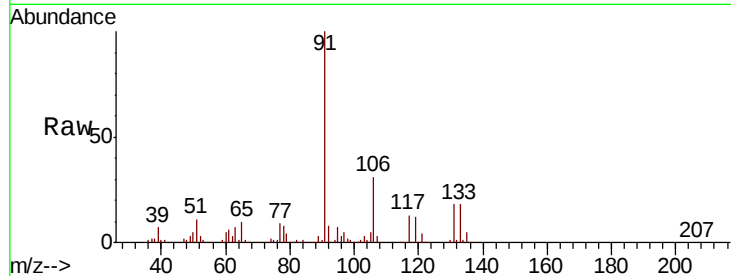




#67
Ethyl Benzene
Concen: 51.732 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

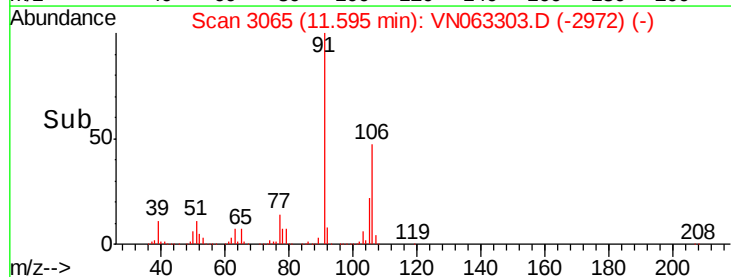
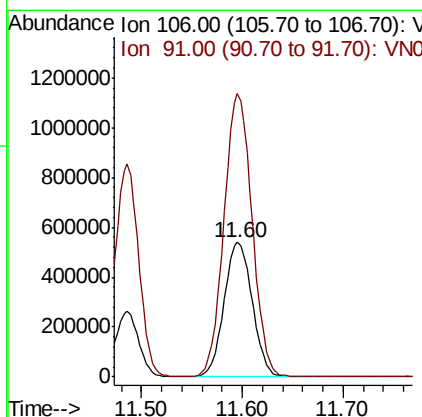
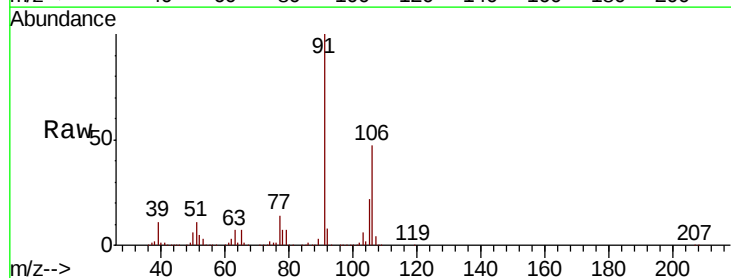
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

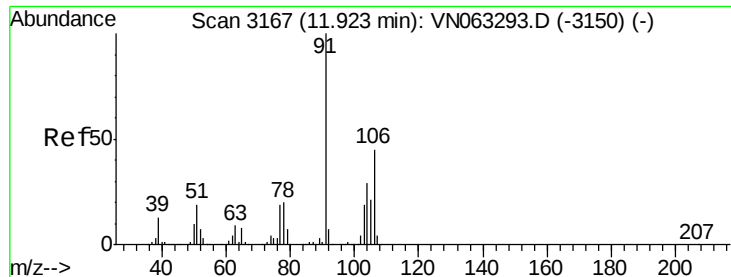
Tot Ion: 91 Resp: 1432378
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 102.702 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 106 Resp: 1051870
Ion Ratio Lower Upper
106 100
91 209.8 169.8 254.8

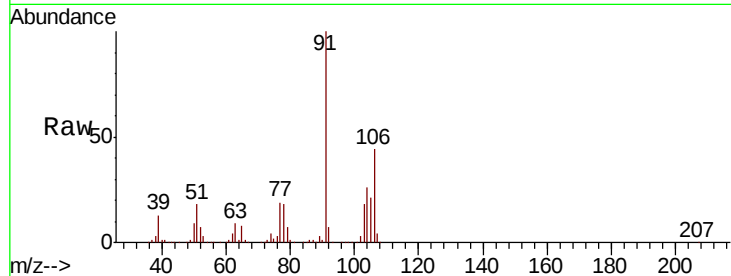




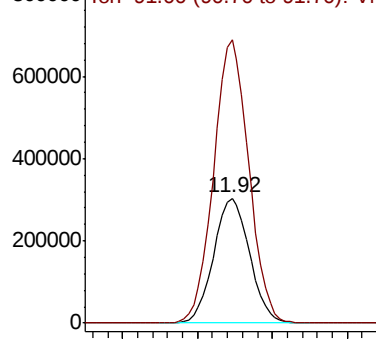
#69
o-Xylene
Concen: 51.666 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

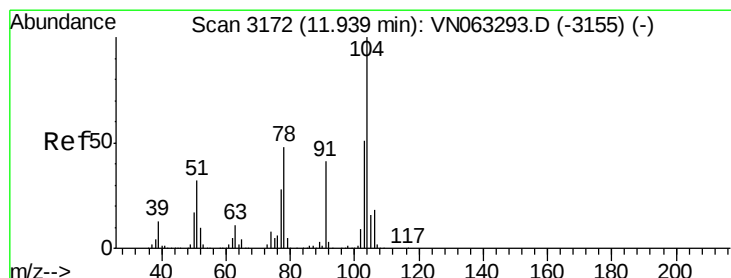
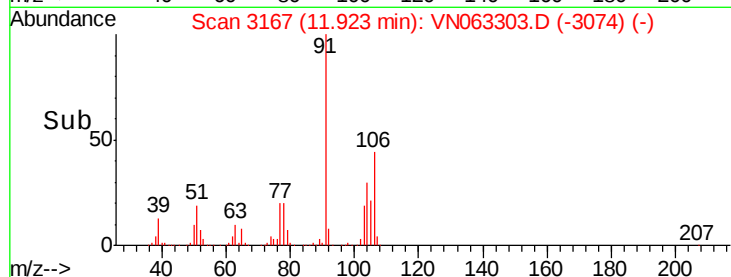
Tot Ion:106 Resp: 507828
Ion Ratio Lower Upper
106 100
91 222.1 111.5 334.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

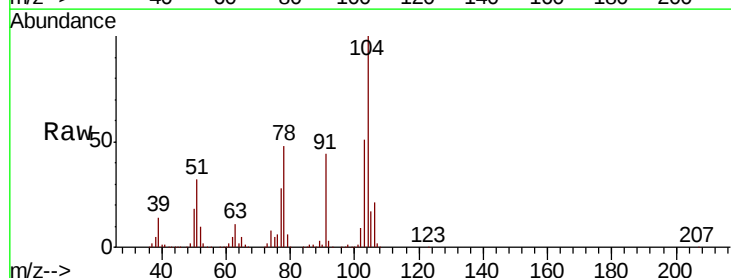


Time-->

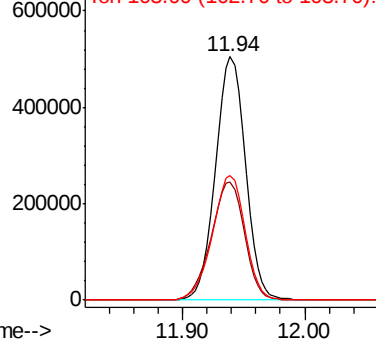


#70
Styrene
Concen: 52.323 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

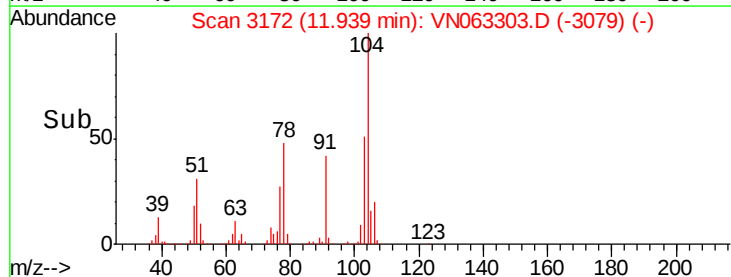
Tgt Ion:104 Resp: 854755
Ion Ratio Lower Upper
104 100
78 54.2 42.9 64.3
103 55.9 44.2 66.2

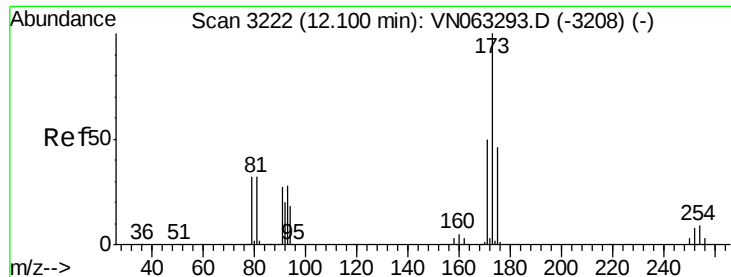


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 51.936 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

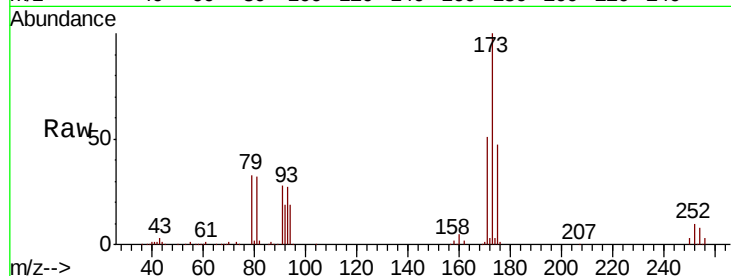
Tot Ion:173 Resp: 201857

Ion Ratio Lower Upper

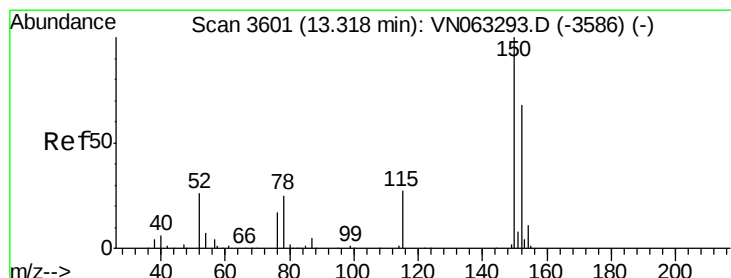
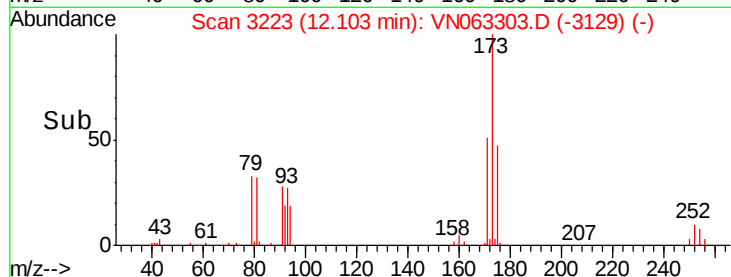
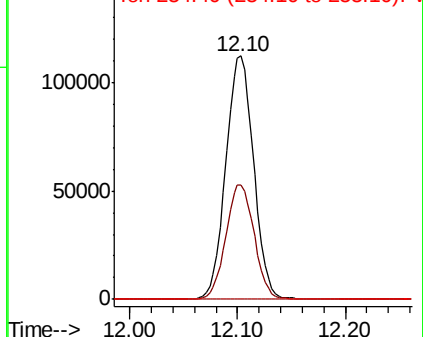
173 100

175 48.1 23.8 71.5

254 0.1 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: VN063303.D

Acq: 10 Sep 2020 18:58

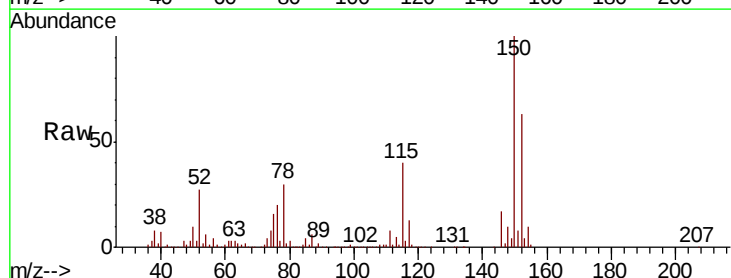
Tgt Ion:152 Resp: 339334

Ion Ratio Lower Upper

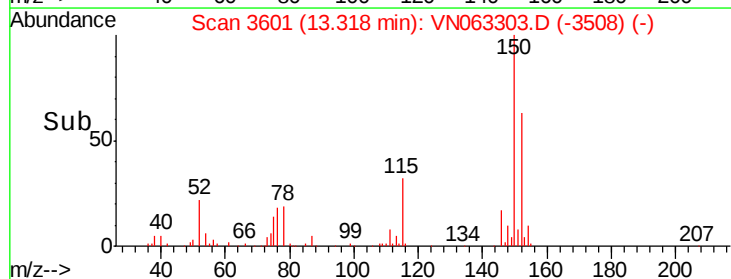
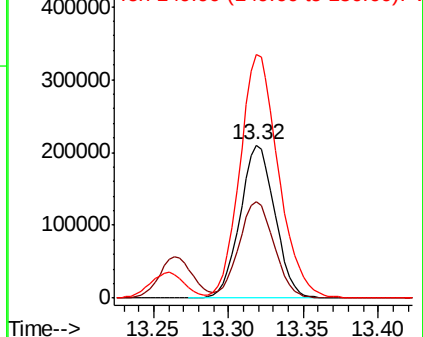
152 100

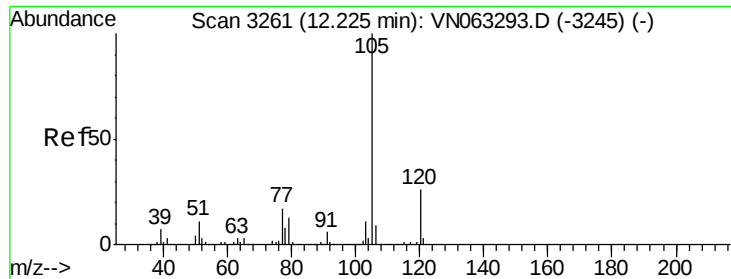
115 64.1 31.5 94.5

150 176.6 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: 49.763 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

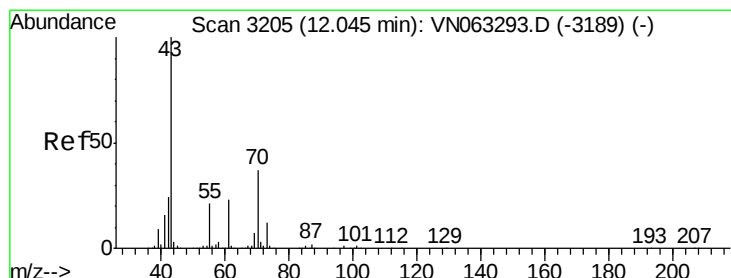
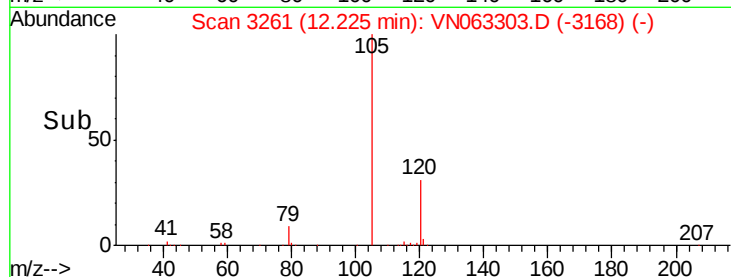
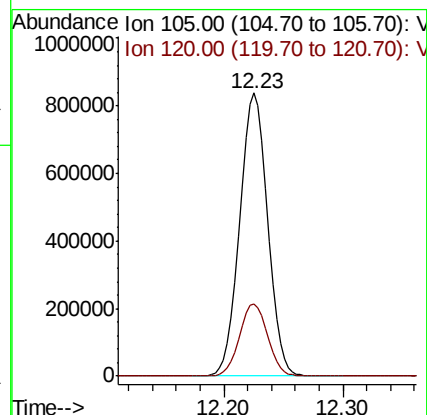
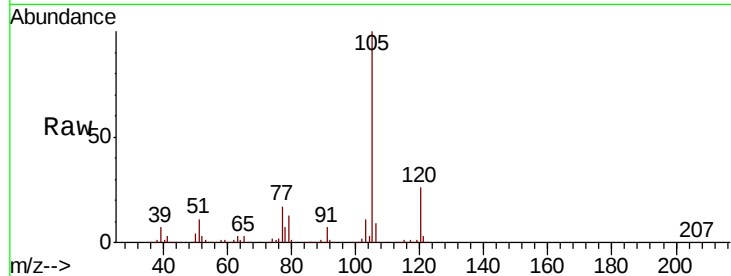
VSTDCCC050EC

Tot Ion:105 Resp: 1362054

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 55.432 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion: 43 Resp: 622892

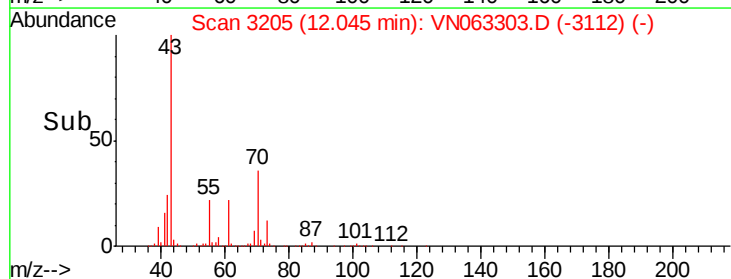
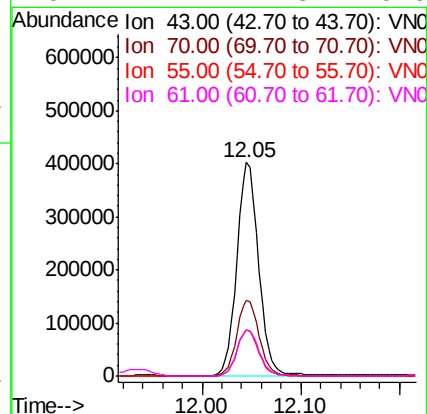
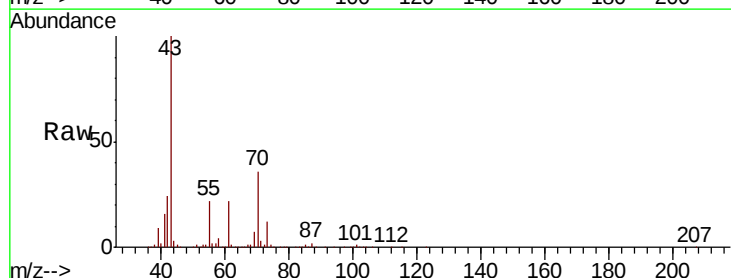
Ion Ratio Lower Upper

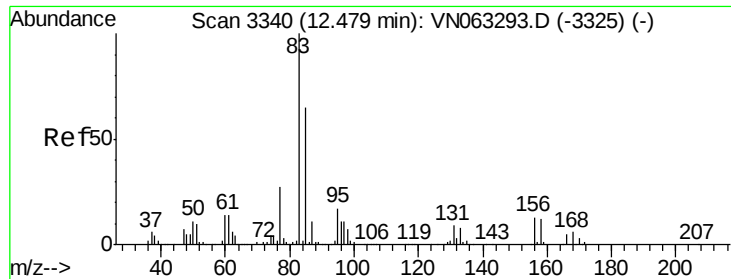
43 100

70 36.4 29.3 43.9

55 21.7 17.0 25.6

61 22.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.560 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

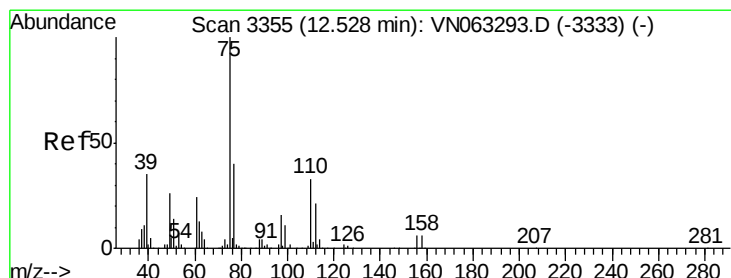
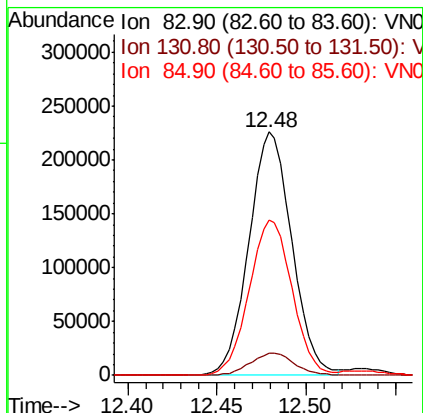
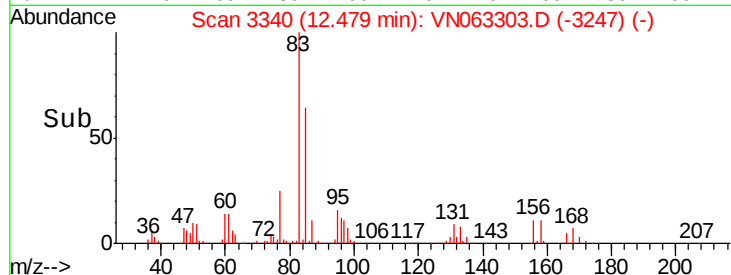
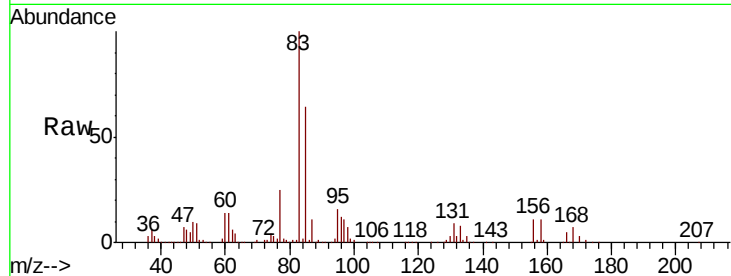
Tot Ion: 83 Resp: 380648

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

85 64.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 72.178 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063303.D

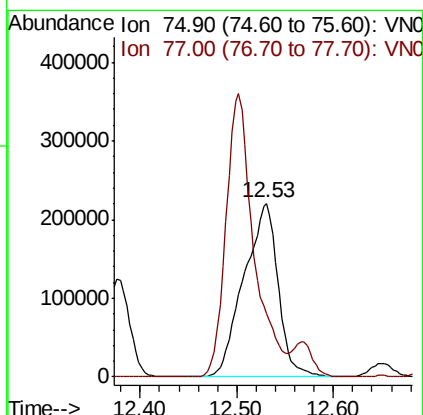
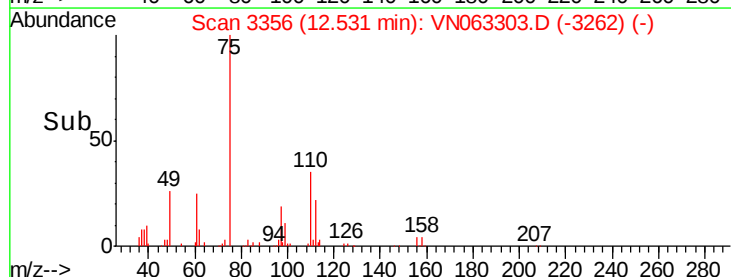
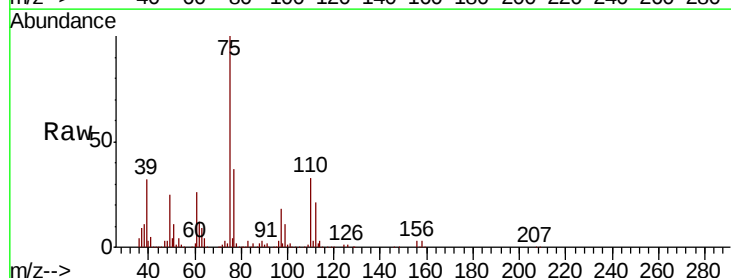
Acq: 10 Sep 2020 18:58

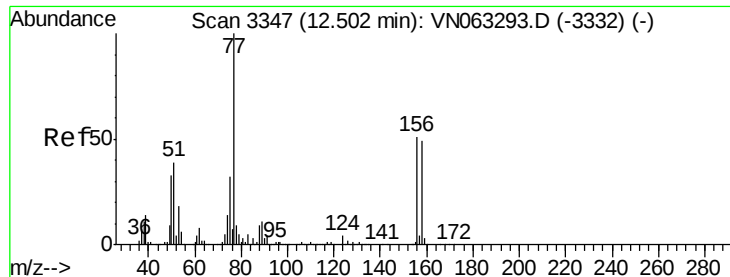
Tgt Ion: 75 Resp: 540343

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.180 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

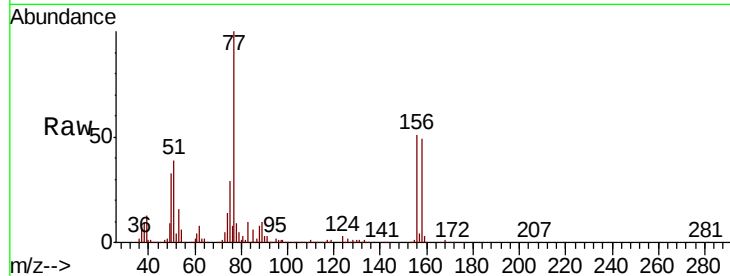
Tot Ion:156 Resp: 309411

Ion Ratio Lower Upper

156 100

77 234.5 117.4 352.2

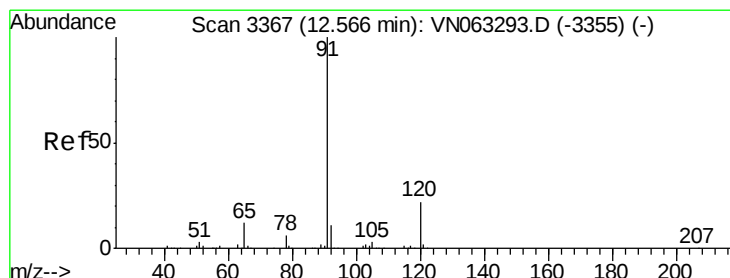
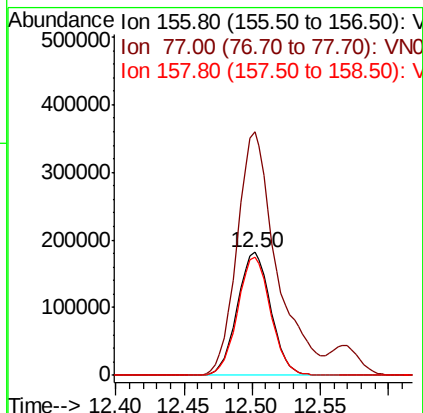
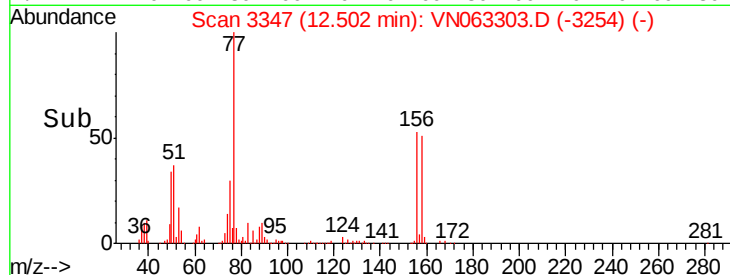
158 95.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.281 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063303.D

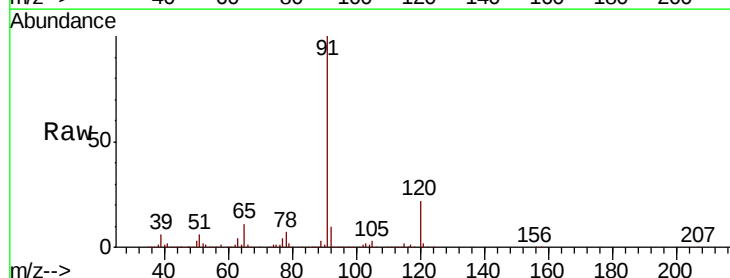
Acq: 10 Sep 2020 18:58

Tgt Ion: 91 Resp: 1594519

Ion Ratio Lower Upper

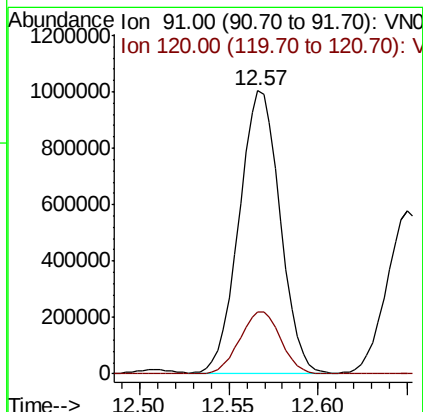
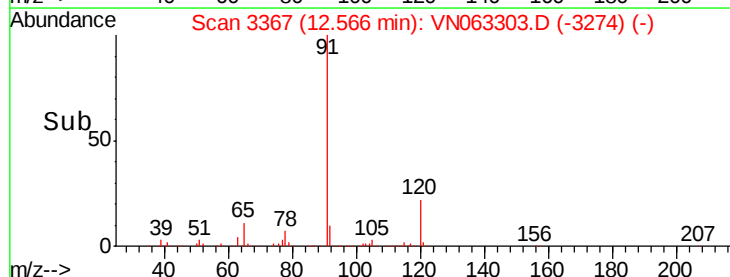
91 100

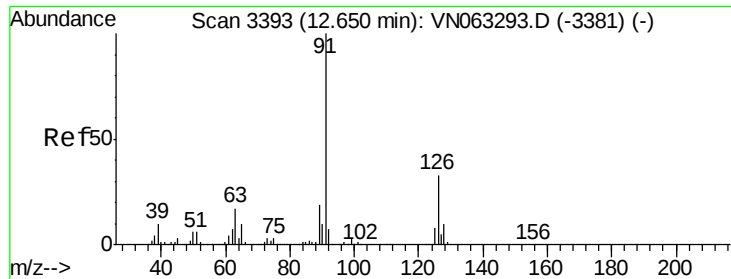
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.593 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

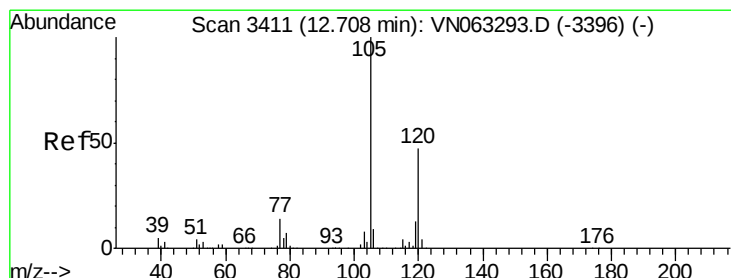
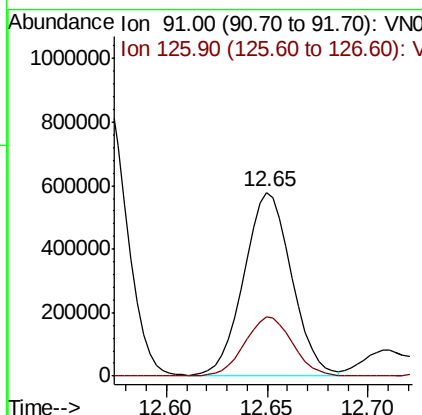
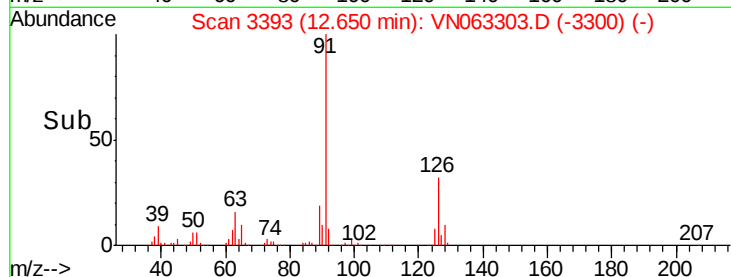
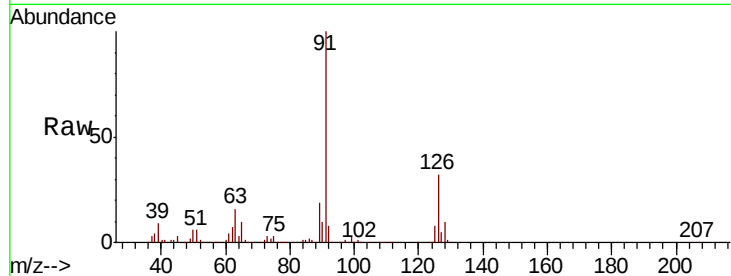
VSTDCCC050EC

Tot Ion: 91 Resp: 948132

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.518 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063303.D

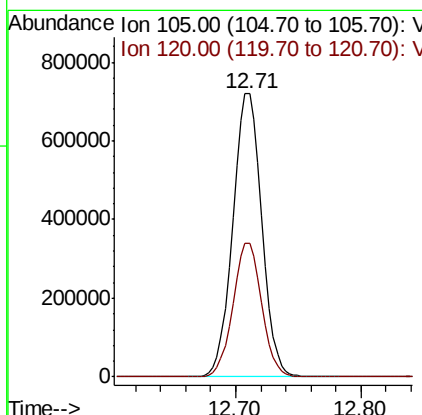
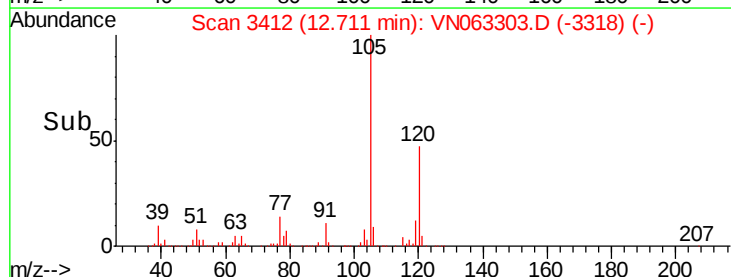
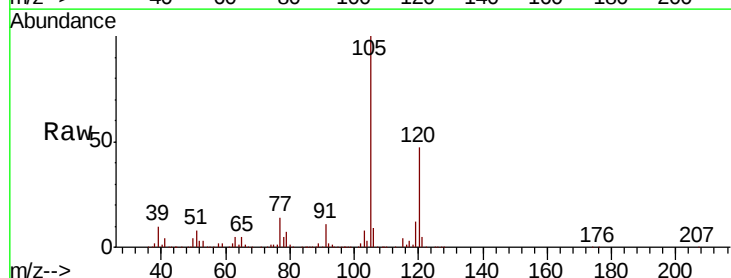
Acq: 10 Sep 2020 18:58

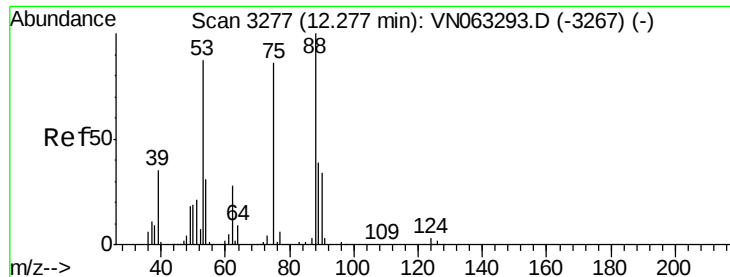
Tgt Ion: 105 Resp: 1148122

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.858 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

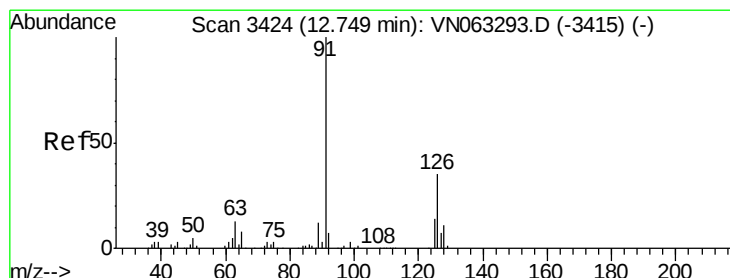
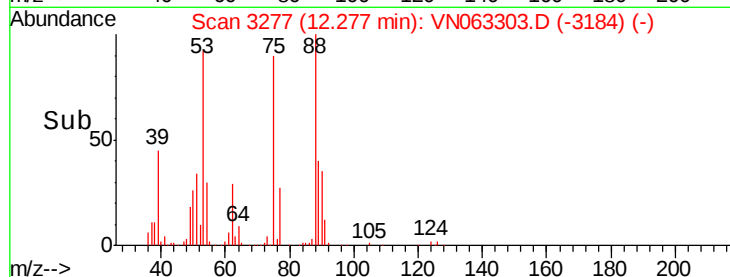
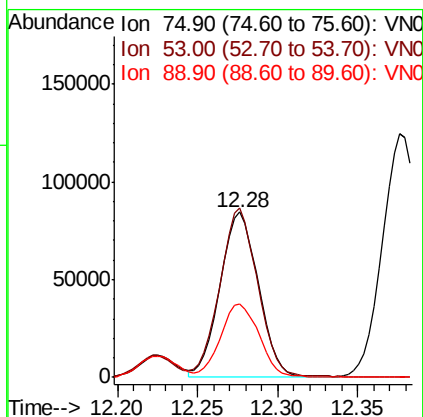
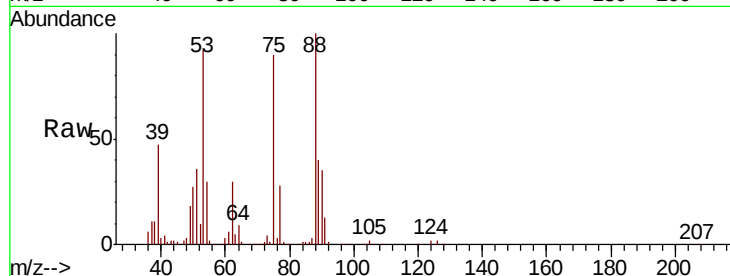
Tot Ion: 75 Resp: 138919

Ion Ratio Lower Upper

75 100

53 100.7 81.8 122.8

89 44.6 36.7 55.1



#82

4-Chlorotoluene

Concen: 49.400 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063303.D

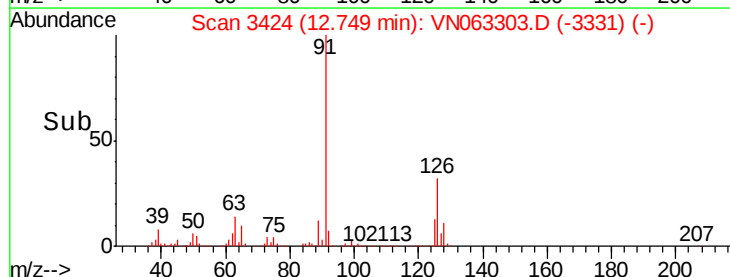
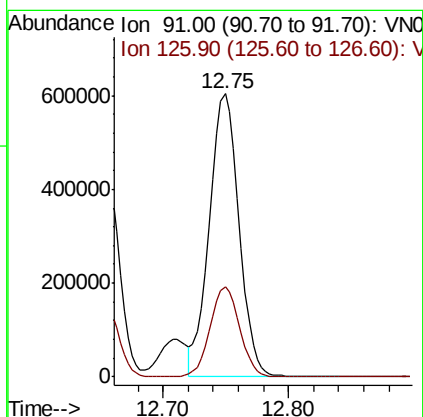
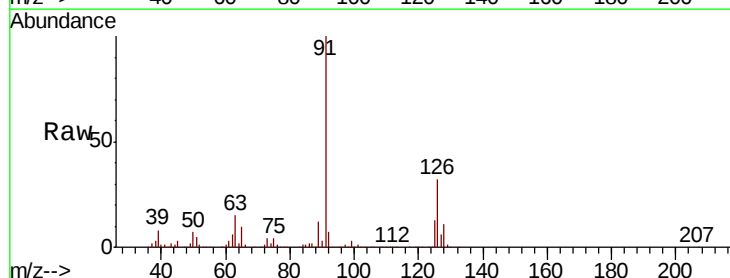
Acq: 10 Sep 2020 18:58

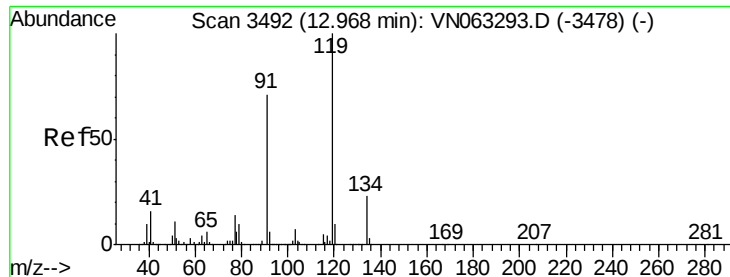
Tgt Ion: 91 Resp: 990020

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7

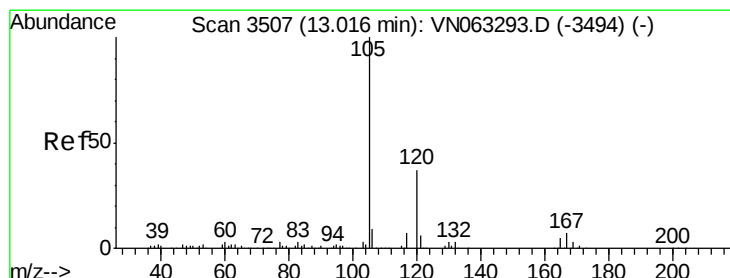
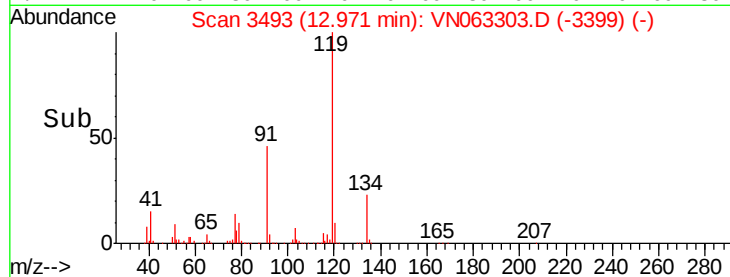
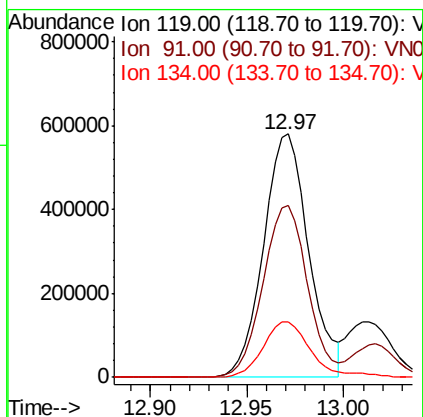
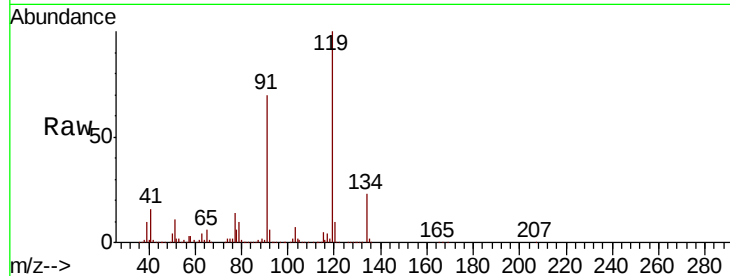




#83
 tert-Butylbenzene
 Concen: 49.157 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

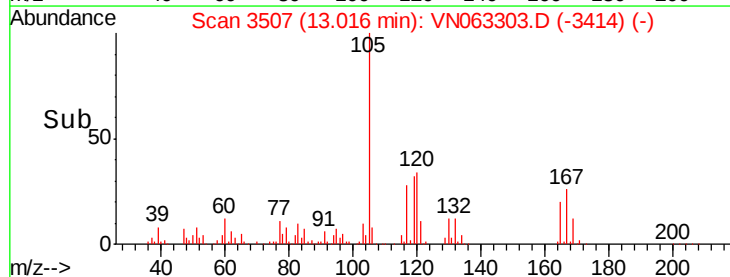
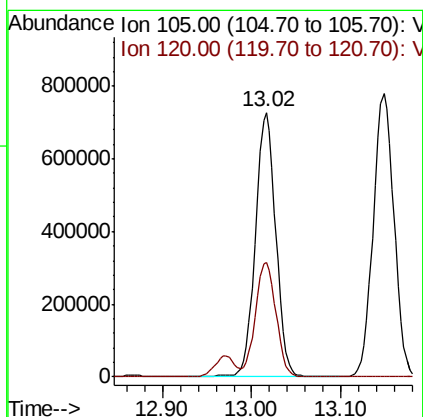
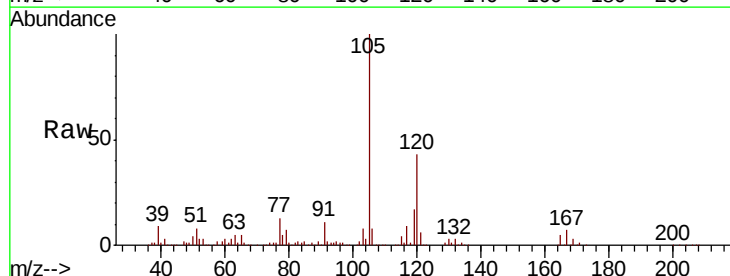
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

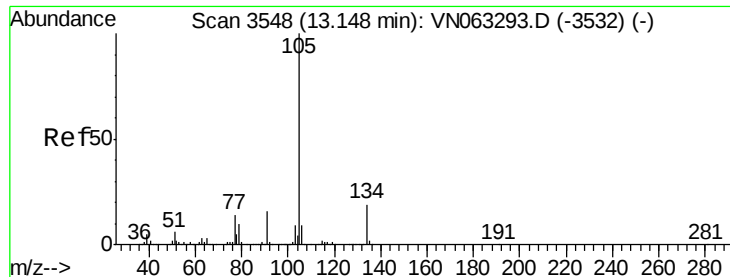
Tot Ion:119 Resp: 947495
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.8 104.3
 134 24.3 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.718 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion:105 Resp: 1161836
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.8 65.4





#85

sec-Butylbenzene

Concen: 51.223 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

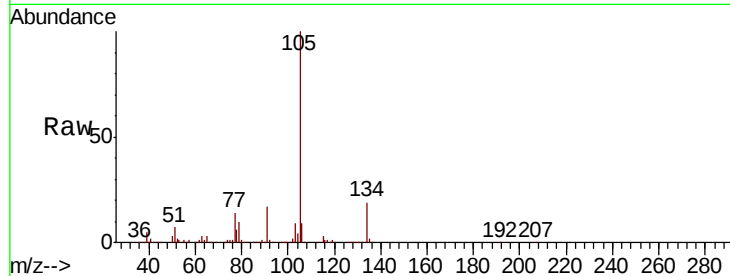
VSTDCCC050EC

Tot Ion:105 Resp: 1256104

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

800000

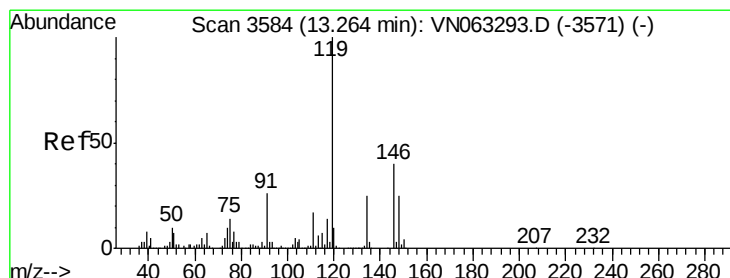
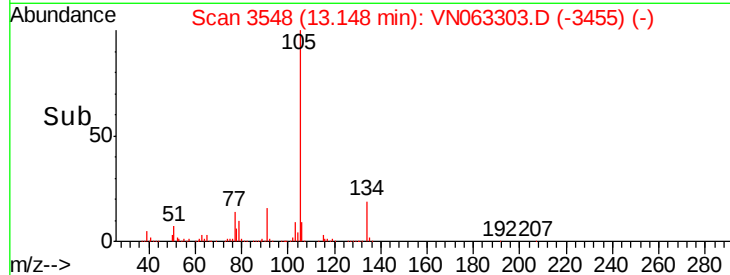
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.999 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

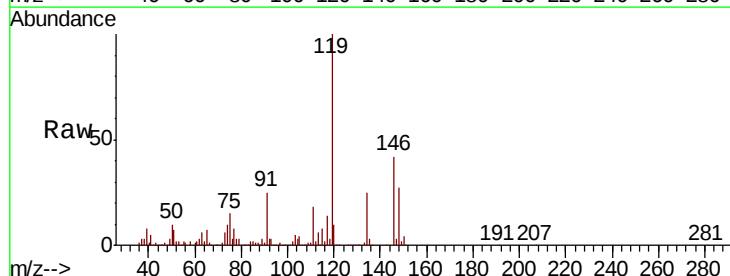
Tgt Ion:119 Resp: 1146521

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

91 25.3 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

13.26

1000000

800000

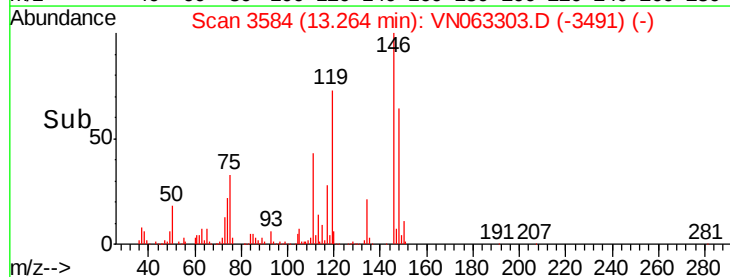
600000

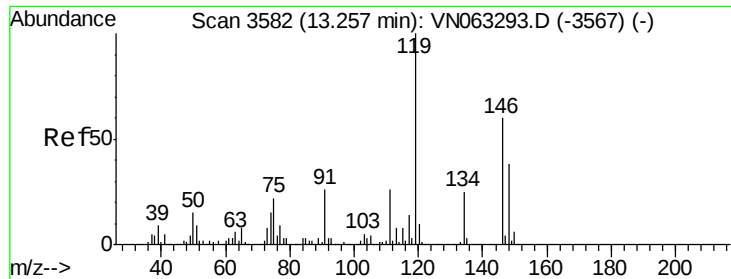
400000

200000

0

Time-->

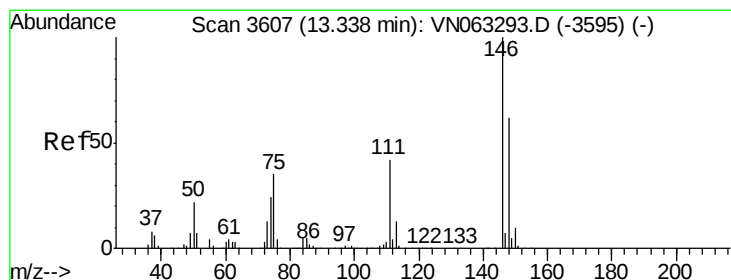
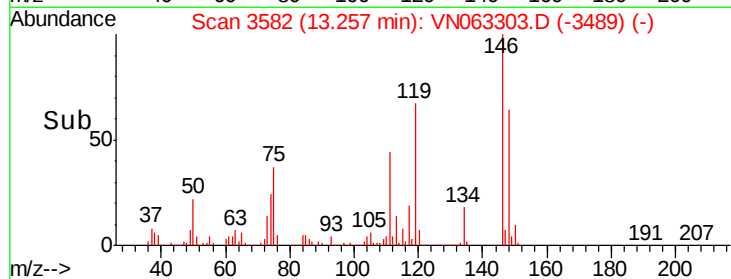
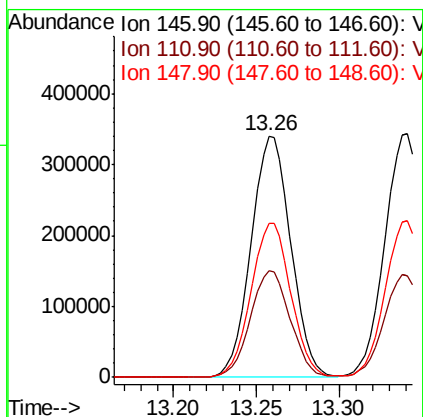
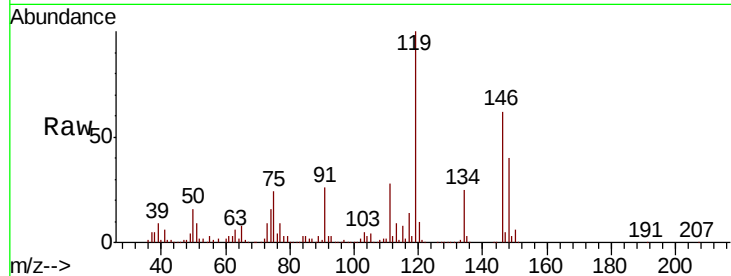




#87
 1,3-Dichlorobenzene
 Concen: 49.254 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

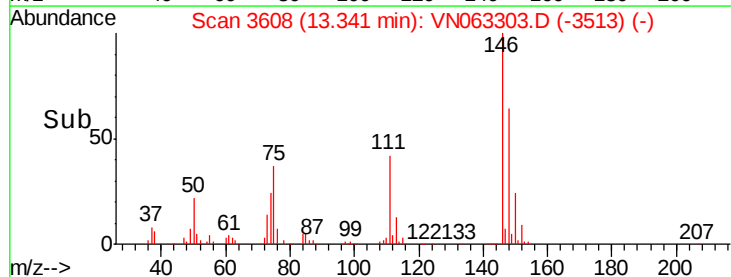
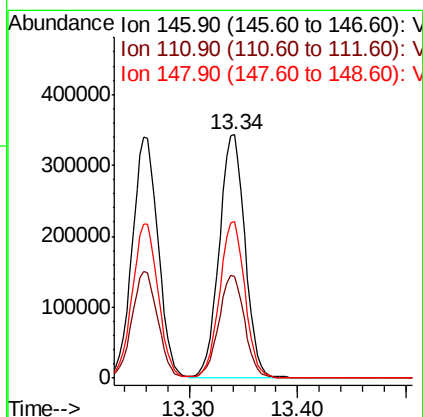
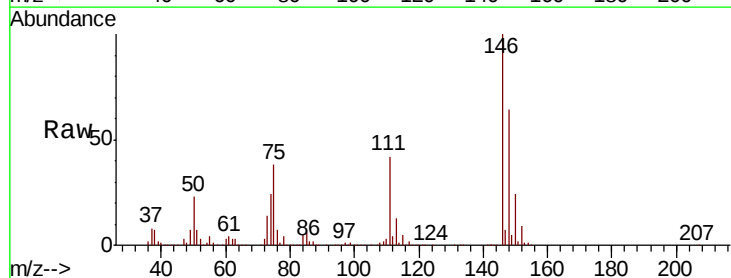
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

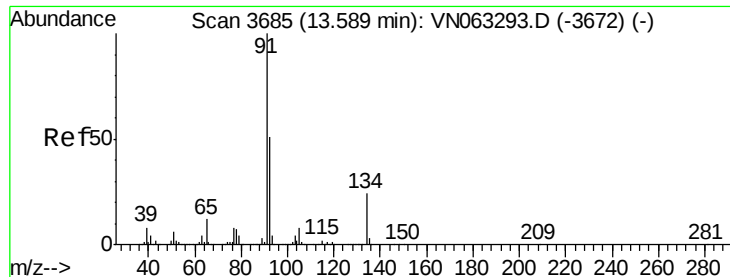
Tot Ion:146 Resp: 566509
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.4
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.840 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion:146 Resp: 569763
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.3 64.0
 148 63.4 31.5 94.5

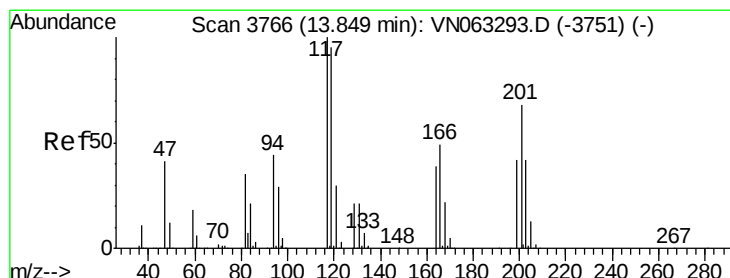
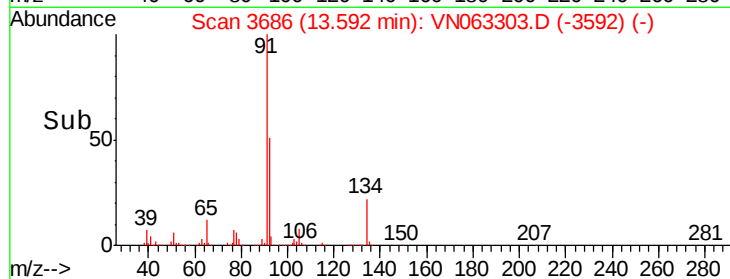
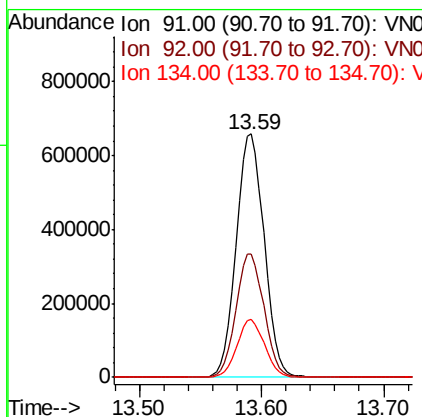
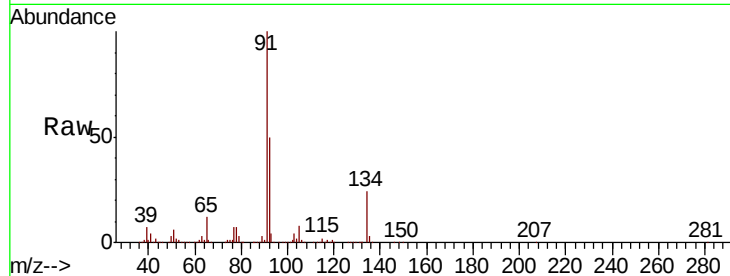




#89
n-Butylbenzene
Concen: 51.545 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

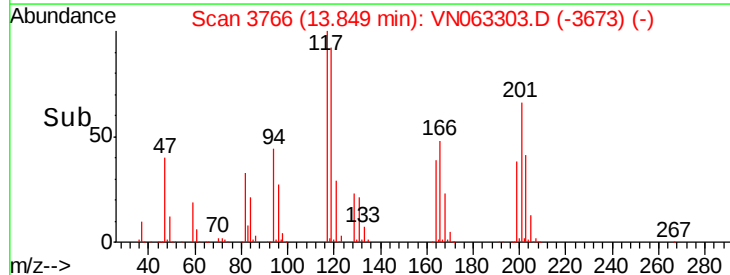
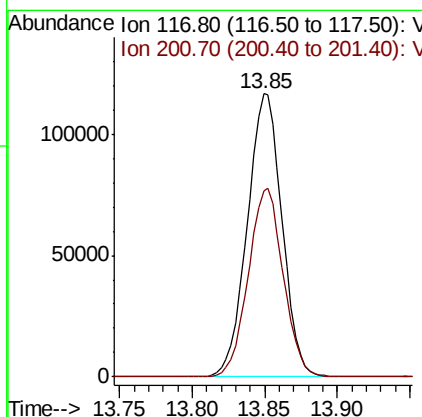
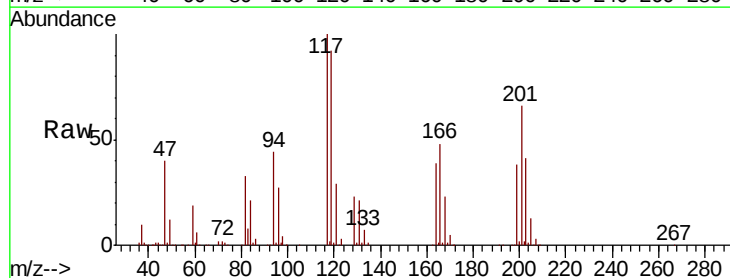
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

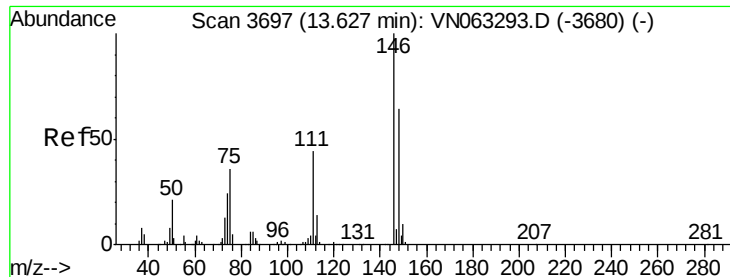
Tot Ion: 91 Resp: 1046065
Ion Ratio Lower Upper
91 100
92 50.7 25.8 77.3
134 23.3 12.0 36.0



#90
Hexachloroethane
Concen: 52.546 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063303.D
Acq: 10 Sep 2020 18:58

Tgt Ion: 117 Resp: 194314
Ion Ratio Lower Upper
117 100
201 66.8 33.5 100.4

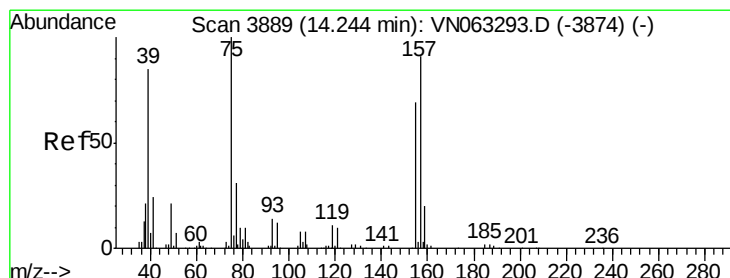
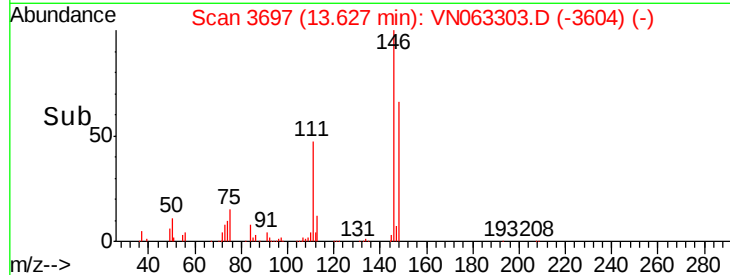
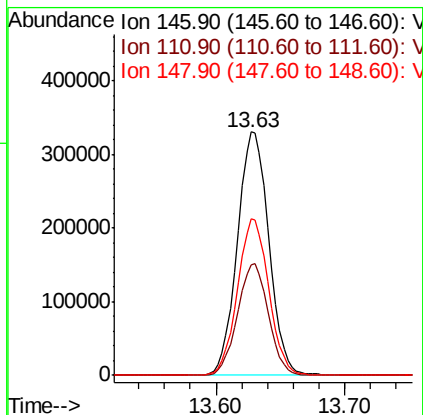
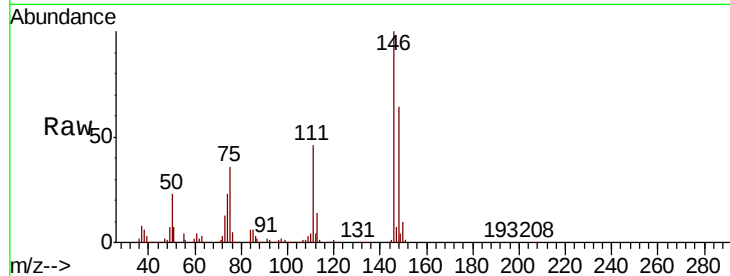




#91
 1,2-Dichlorobenzene
 Concen: 49.456 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

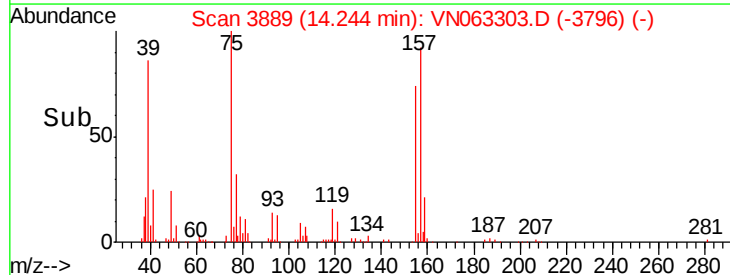
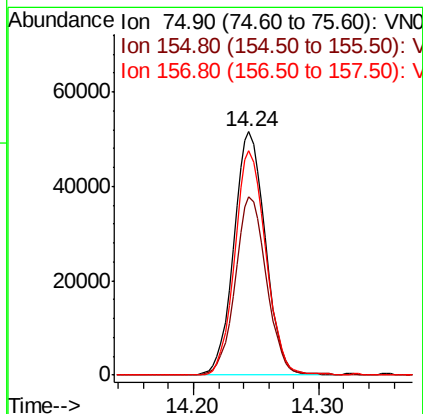
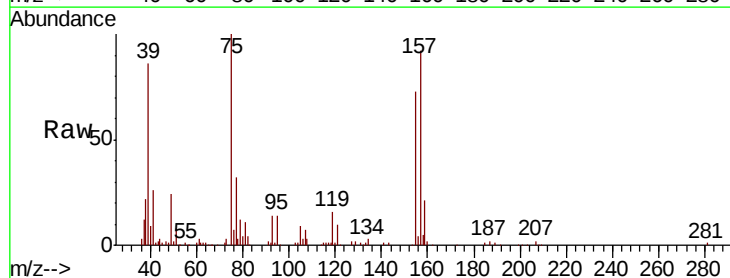
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

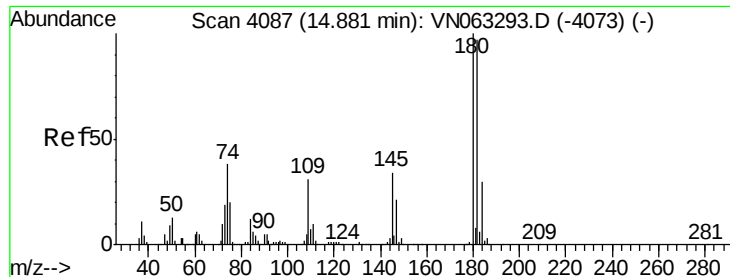
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.5
148	63.8	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.623 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.2	35.3	105.7
157	90.5	46.7	140.0

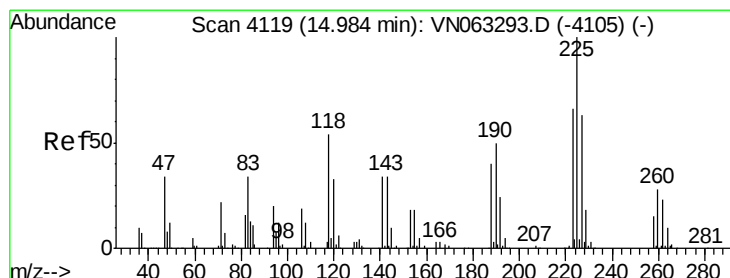
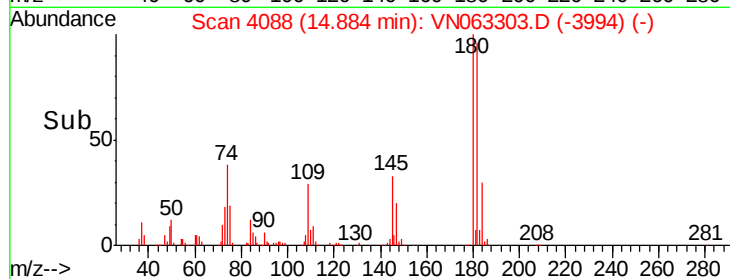
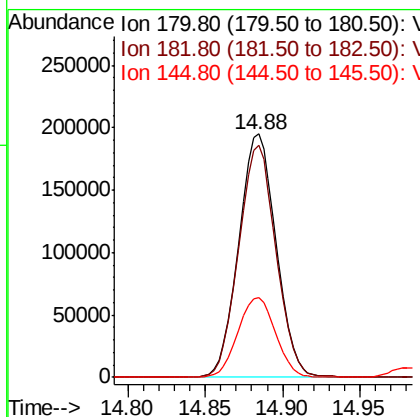
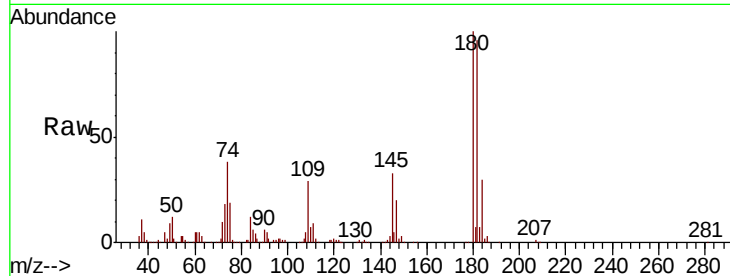




#93
 1,2,4-Trichlorobenzene
 Concen: 49.224 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

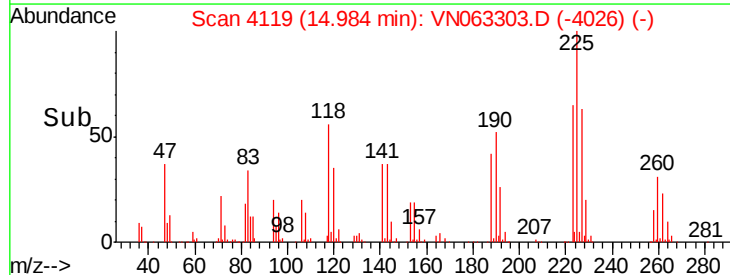
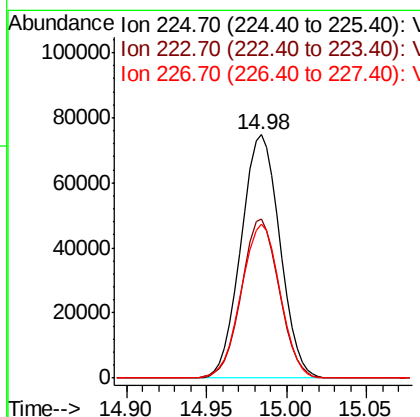
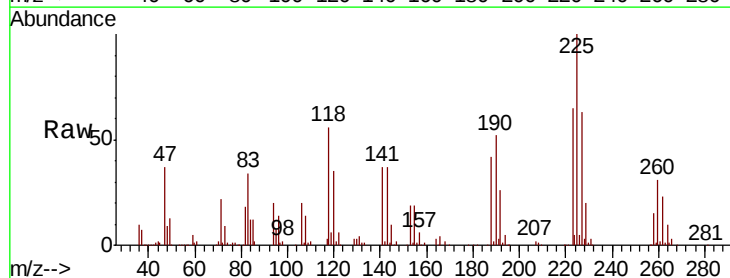
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

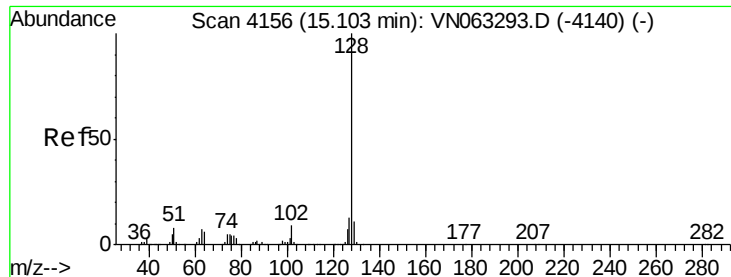
Tot Ion:180 Resp: 327539
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.2
 145 33.1 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 51.644 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063303.D
 Acq: 10 Sep 2020 18:58

Tgt Ion:225 Resp: 123771
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.9
 227 63.1 31.2 93.6





#95

Naphthalene

Concen: 51.873 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Instrument :

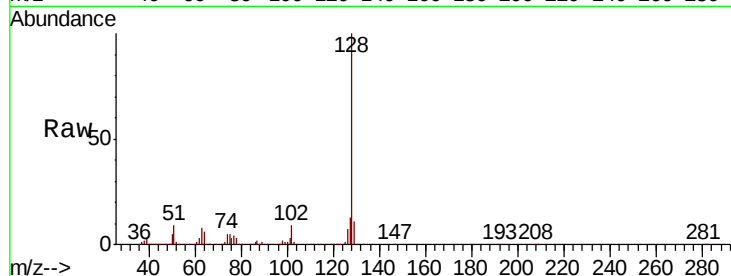
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1037137

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.6	12.8



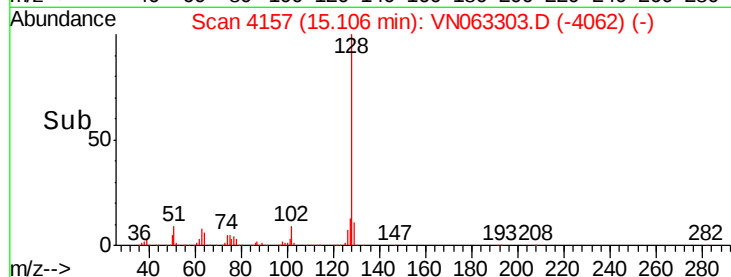
Abundance

Ion 128.00 (127.70 to 128.70): V

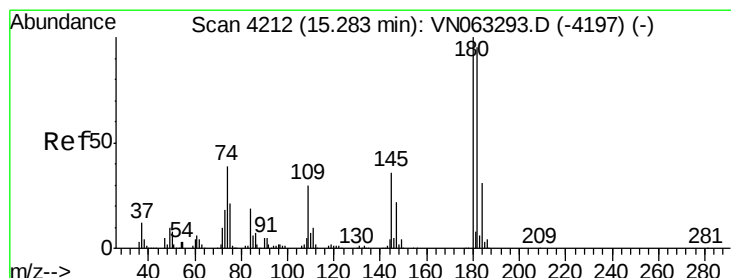
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.11



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 52.235 ug/l

RT: 15.29 min Scan# 4213

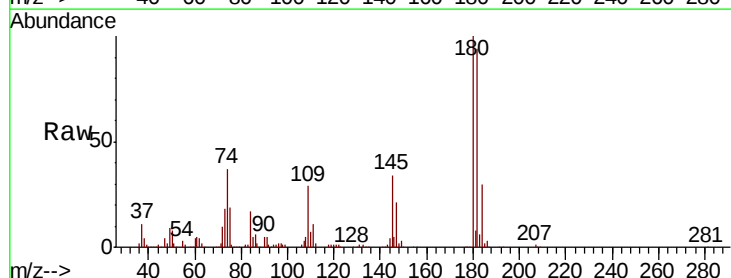
Delta R.T. 0.00 min

Lab File: VN063303.D

Acq: 10 Sep 2020 18:58

Tgt Ion:180 Resp: 311690

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	34.3	17.2	51.6



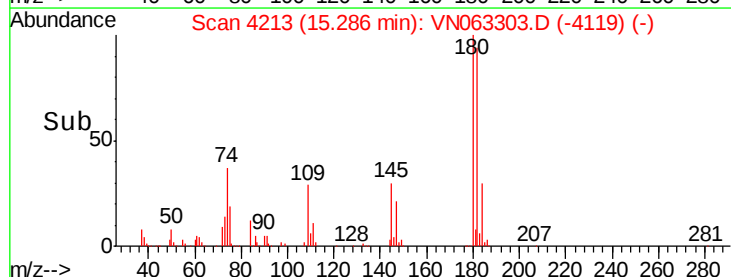
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.29



Time-->